FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO Invista S.à r.l.

AUTHORIZING THE OPERATION OF Victoria Site Adiponitrile Unit Industrial Organic Chemicals

LOCATED AT
Victoria County, Texas
Latitude 28° 40' 41" Longitude 96° 57' 17"
Regulated Entity Number: RN102663671

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No:	01904	Issuance Date: _	
For the Co	nmission		

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

- 1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.

- D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
- E. Emission units subject to 40 CFR Part 63, Subparts A, F, G, H, YY, and FFFF as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.100, § 113.110, § 113.120, § 113.130, § 113.560, and § 113.890 which incorporates the 40 CFR Part 63 Subpart by reference.
- 2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
 - A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
- 3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
 - A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)

- (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:
 - (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
 - (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
 - (3) Records of all observations shall be maintained.
 - **(4)** Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
 - (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.
- B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:
 - (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
 - (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the

- air emission source or enclosed facility is not operating for the entire quarter.
- (2) Records of all observations shall be maintained.
- (3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A)
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader
- C. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions

- Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- D. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).
- E. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- 4. For storage vessels maintaining working pressure as specified in 30 TAC Chapter 115, Subchapter B, Division 1: "Storage of Volatile Organic Compounds," the permit holder shall comply with the requirements of 30 TAC § 115.112(b)(1).
- 5. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
 - B. Title 40 CFR § 60.8 (relating to Performance Tests)
 - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)
 - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
- 6. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 61, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 61.05 (relating to Prohibited Activities)
 - B. Title 40 CFR § 61.07 (relating to Application for Approval of Construction or Modification)
 - C. Title 40 CFR § 61.09 (relating to Notification of Start-up)

- D. Title 40 CFR § 61.10 (relating to Source Reporting and Request Waiver)
- E. Title 40 CFR § 61.12 (relating to Compliance with Standards and Maintenance Requirements)
- F. Title 40 CFR § 61.13 (relating to Emissions Tests and Waiver of Emission Tests)
- G. Title 40 CFR § 61.14 (relating to Monitoring Requirements)
- H. Title 40 CFR § 61.15 (relating to Modification)
- I. Title 40 CFR § 61.19 (relating to Circumvention)
- 7. For facilities where total annual benzene quantity from waste is greater than or equal to 10 megagrams per year and subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:
 - A. Title 40 CFR § 61.342(c)(1)(i) (iii) (relating to Standards: General)
 - B. Title 40 CFR § 61.342(c)(2) (relating to Standards: General)
 - C. For exempting waste streams:
 - (i) Title 40 CFR § 61.342(c)(3)(ii)(A) (C) (relating to Standards: General)
 - D. Title 40 CFR § 61.342(f)(1), and (2) (relating to Standards: General)
 - E. Title 40 CFR § 61.342(g) (relating to Standards: General)
 - F. Title 40 CFR § 61.350(a) and (b) (relating to Standards: Delay of Repair)
 - G. Title 40 CFR § 61.355(a)(1)(iii), (a)(2), (a)(6), (b), and (c)(1) (3) (relating to Test Methods, Procedures, and Compliance Provisions)
 - H. Title 40 CFR § 61.355(j) (relating to Test Methods, Procedures, and Compliance Provisions), for calculation procedures
 - I. Title 40 CFR § 61.356(a) (relating to Recordkeeping Requirements)
 - J. Title 40 CFR § 61.356(b), and (b)(1) (relating to Recordkeeping Requirements)
 - K. Title 40 CFR § 61.356(b)(2)(i) (ii) (relating to Recordkeeping Requirements)
 - L. Title 40 CFR § 61.356(b)(5) (relating to Recordkeeping Requirements)
 - M. Title 40 CFR § 61.356(c) (relating to Recordkeeping Requirements)
 - N. Title 40 CFR § 61.357(a), (d)(1), (d)(2) (d)(6) and (d)(8) (relating to Reporting Requirements)
 - O. Title 40 CFR § 61.357(d)(3) (relating to Reporting Requirements)
- 8. For facilities with containers subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:

- A. Title 40 CFR § 61.345(a)(1) (3), (b), and (c) (relating to Standards: Containers)
- B. Title 40 CFR § 61.355(h) (relating to Test Methods, Procedures and Compliance Provisions)
- C. Title 40 CFR § 61.356(g) (relating to Recordkeeping Requirements)
- D. Title 40 CFR § 61.356(h) (relating to Recordkeeping Requirements)
- 9. For facilities with individual drain systems subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:
 - A. Title 40 CFR § 61.346(a)(1)(i)(A), (B), (ii), (2), and (3) (relating to Standards: Individual Drain Systems)
 - B. Title 40 CFR § 61.346(b)(1), (2), (2)(i), (3), (4)(i) (iv), and (5) (relating to Standards: Individual Drain Systems)
 - C. Title 40 CFR § 61.346(b)(2)(ii)(B) (relating to Standards: Individual Drain Systems), for junction boxes
 - D. Title 40 CFR § 61.355(h) (relating to Test Methods, Procedures and Compliance Provisions)
 - E. Title 40 CFR § 61.356(g) (relating to Recordkeeping Requirements)
 - F. Title 40 CFR § 61.356(h) (relating to Recordkeeping Requirements)
- 10. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
- 11. For the chemical manufacturing process specified in 40 CFR Part 63, Subpart F, the permit holder shall comply with 40 CFR § 63.103(a) (relating to General Compliance, Reporting, and Recordkeeping Provisions) (Title 30 TAC Chapter 113, Subchapter C, § 113.110 incorporated by reference).
- 12. For the chemical manufacturing facilities subject to provisions in 40 CFR Parts 260 272, the permit holder shall comply with the following requirements:
 - A. Title 40 CFR § 63.110(e)(2)(i) (relating to Applicability), for 40 CFR Part 63, Subpart G applicability to Group 1 or 2 Wastewater Streams
- 13. For the chemical manufacturing facilities with a 40 CFR Part 63, Subpart G Group 1 or Group 2 wastewater streams that are also subject to 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.120 incorporated by reference):
 - A. Title 40 CFR § 63.110(e)(1) (relating to Applicability), for 40 CFR Part 63, Subpart G applicability to Group 1 or 2 Wastewater Streams

- 14. For the chemical manufacturing facilities with a 40 CFR Part 63, Subpart G Group 2 wastewater stream, the permit holder shall comply with (Title 30 TAC Chapter 113, Subchapter C, § 113.120 incorporated by reference):
 - A. Title 40 CFR § 63.132(a), (a)(1), and (a)(1)(i) (relating to Process Wastewater Provisions General)
 - B. Title 40 CFR § 63.146(b)(1) (relating to Process Wastewater Provisions Reporting)
 - C. Title 40 CFR § 63.147(b)(8) (relating to Process Wastewater Provisions Recordkeeping)
- 15. For the transfer of Group 1 wastewater streams or residuals from Group 1 wastewater streams the permit holder shall comply with the following requirements:
 - A. Title 40 CFR § 63.132(g) (relating to Process Wastewater Provisions General)
 - B. Title 40 CFR § 63.152(b)(5) and (c)(4)(iv) (relating to General Reporting and Continuous Records)
- 16. For the chemical manufacturing facilities subject to leak detection requirements in 40 CFR Part 63, Subpart G, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.120 incorporated by reference):
 - A. General Leak Detection Requirements:
 - (i) Title 40 CFR § 63.148(d)(1) (3), and (e) (relating to Leak Inspection Provisions)
 - (ii) Title 40 CFR § 63.148(c), (g), (g)(2), (h), and (h)(2) (relating to Leak Inspection Provisions), for monitoring and testing requirements
 - (iii) Title 40 CFR §§ 63.148(g)(2), (h)(2), (i)(1) (2), (i)(4)(i) (viii), (i)(5), and 63.152(a)(1) (5), for recordkeeping requirements
 - (iv) Title 40 CFR §§ 63.148(j), 63.151(a)(6)(i) (iii), (b)(1) (2), (j)(1) (3), 63.152(a)(1) (5), (b), (b)(1)(i) (ii), and (b)(4), for reporting requirements
 - B. For closed vent system or vapor collection systems constructed of hard piping:
 - (i) Title 40 CFR § 63.148(b)(1)(ii) (relating to Leak Inspection Provisions), for monitoring and testing requirements
 - (ii) Title 40 CFR § 63.148(i)(6) (relating to Leak Inspection Provisions), for recordkeeping requirements
 - C. For facilities not operating flow indicators:
 - (i) Title 40 CFR § 63.148(f)(2) (relating to Leak Inspection Provisions), for monitoring and testing requirements

- (ii) Title 40 CFR § 63.148(i)(3)(ii) (relating to Leak Inspection Provisions), for recordkeeping requirements
- (iii) Title 40 CFR § 63.148(j)(3) (relating to Leak Inspection Provisions), for reporting requirements
- 17. For the chemical manufacturing facilities subject to transfer operations requirements in 40 CFR Part 63, Subpart G, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.120 incorporated by reference):
 - A. Title 40 CFR § 63.126(e)(1) (2), and (f) (relating to Transfer Operations Provisions Reference Control Technology)
 - B. Title 40 CFR § 63.128(f)(1) (2) (relating to Transfer Operations Provisions Test Methods and Procedures)
 - C. Title 40 CFR § 63.130(e) (relating to Transfer Operations Provisions Periodic Recordkeeping and Reporting)
- 18. For the chemical manufacturing facilities subject to wastewater operations requirements in 40 CFR Part 63, Subpart G, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.120 incorporated by reference):
 - A. Title 40 CFR § 63.135(a) (f) (relating to Process Wastewater Provisions Containers)
 - B. Title 40 CFR § 63.136(a) (relating to Process Wastewater Provisions Individual Drain Systems)
 - C. Title 40 CFR § 63.136(b) (d) (relating to Process Wastewater Provisions Individual Drain Systems)
 - D. Title 40 CFR § 63.136(e) (g) (relating to Process Wastewater Provisions Individual Drain Systems)
- 19. For the Off-Site Waste and Recovery Operations specified in 40 CFR Part 63, Subpart DD, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.350 incorporated by reference):
 - A. Requirements specified with reference to 40 CFR Part 63, Subpart A:
 - (i) Title 40 CFR § 63.680(f) for applicability of the General Provisions of Subpart A
 - (ii) Title 40 CFR § 63.696(a) (relating to Recordkeeping Requirements)
 - (iii) Title 40 CFR § 63.697(a) (relating to Reporting Requirements)
- 20. For the Off-Site Waste and Recovery Operations specified in 40 CFR Part 63, Subpart DD, for off-site materials determined to have an average volatile organic hazardous air pollutant (VOHAP) concentration less than 500 parts per million by weight (ppmw) at the point of delivery that are not combined with off-site materials having a VOHAP

concentration of 500 ppmw or greater, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.350 incorporated by reference):

- A. Title 40 CFR § 63.683(b)(1)(iii) (relating to Standards: General)
- B. Title 40 CFR § 63.694(b)(3) (relating to Testing Methods and Procedures)
- 21. For containers using controls specified in 40 CFR Part 63, Subpart PP, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.470 incorporated by reference):
 - A. Title 40 CFR § 63.922(b)(1) (3), (c), (d), (d)(1) (5), (e), and (f), (f)(1) (4) (relating to Standards Container Level 1 Controls)
 - B. Title 40 CFR § 63.923(b)(1) (3), (c), (d), (d)(1) (5), (e), and (f), (f)(1) (4) (relating to Standards Container Level 2 Controls)
 - C. Title 40 CFR § 63.924(b)(1) (2), (c)(1) (2), and (d) (relating to Standards Container Level 3 Controls)
 - D. Title 40 CFR § 63.925(a)(1) (8), and (b)(1) (3) (relating to Test Methods and Procedures)
 - E. Title 40 CFR § 63.926(a)(1) (3) (relating to Inspection and Monitoring Requirements)
 - F. Title 40 CFR § 63.926(b) (relating to Inspection and Monitoring Requirements)
 - G. Title 40 CFR § 63.927(a)(1) (2) (relating to Recordkeeping Requirements)
 - H. Title 40 CFR § 63.928(a) (relating to Reporting Requirements)
- 22. For the individual drain systems specified in 40 CFR Part 63, Subpart RR, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.490 incorporated by reference):
 - A. Title 40 CFR § 63.962(a), (a)(1), (a)(2), (a)(3)(i) (ii), (b)(1), (b)(2), (b)(2)(i)(A) (B), (b)(2)(ii), (b)(3)(i), (b)(3)(ii)(A), (b)(3)(ii)(B)(1) (3), (b)(4), and (b)(5)(i) (iii) (relating to Standards)
 - B. Title 40 CFR § 63.964(a)(1)(i)(A) (B), (a)(1)(ii) (iv), (a)(2), (b)(1) (2) (relating to Inspection and Monitoring Requirements)
 - C. Title 40 CFR § 63.965(a), (a)(1) (3), (b) (relating to Recordkeeping Requirements)
 - D. Title 40 CFR § 63.966 (relating to Reporting Requirements)
- 23. For process facilities subject to maintenance wastewater requirements as specified in 40 CFR § 63.1106(b), the permit holder shall comply with the requirements of 40 CFR § 63.105(b) (e) (relating to Maintenance Wastewater Requirements) (Title 30 TAC Chapter 113, Subchapter C, § 113.560 incorporated by reference).

- 24. For miscellaneous chemical process facilities subject to maintenance wastewater requirements as specified in 40 CFR § 63.2485, Table 7, the permit holder shall comply with the requirements of 40 CFR § 63.105 (relating to Maintenance Wastewater Requirements) (Title 30 TAC Chapter 113, Subchapter C, § 113.890 incorporated by reference).
- 25. For site remediation projects subject to 40 CFR Part 63, Subpart GGGGG that will remove remediation material containing less than 1 megagram per year of the HAP listed in Table 1 to Subpart GGGGG, the permit holder shall comply with 40 CFR § 63.7881(c)(1) (3) (Title 30 TAC Chapter 113, Subchapter C, § 113.1160 incorporated by reference).

Additional Monitoring Requirements

- 26. Unless otherwise specified, the permit holder shall comply with the compliance assurance monitoring requirements as specified in the attached "CAM Summary" upon issuance of the permit. In addition, the permit holder shall comply with the following:
 - A. The permit holder shall comply with the terms and conditions contained in 30 TAC § 122.147 (General Terms and Conditions for Compliance Assurance Monitoring).
 - B. The permit holder shall report, consistent with the averaging time identified in the "CAM Summary," deviations as defined by the deviation limit in the "CAM Summary." Any monitoring data below a minimum limit or above a maximum limit, that is collected in accordance with the requirements specified in 40 CFR § 64.7(c), shall be reported as a deviation. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).
 - C. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time specified in the "CAM Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances in order to avoid reporting deviations. All monitoring data shall be collected in accordance with the requirements specified in 40 CFR § 64.7(c).
 - D. The permit holder shall operate the monitoring, identified in the attached "CAM Summary," in accordance with the provisions of 40 CFR § 64.7.
 - E. The permit holder shall comply with either of the following requirements for any capture system associated with the VOC control device subject to CAM. If the results of the following inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective actions:
 - (i) Once a year the permit holder shall inspect the capture system in compliance of CAM for leaks in accordance with 40 CFR Part 60, Appendix A, Test Method 21. Leaks shall be indicated by an instrument reading greater than or equal to 500 ppm above background or as defined by the underlying applicable requirement; or

- (ii) Once a month, the permit holder shall conduct a visual, audible, and/or olfactory inspection of the capture system in compliance of CAM to detect leaking components.
- F. The permit holder shall comply with either of the following requirements for any bypass of the control device subject to CAM. If the results of the following inspections or monitoring indicate bypass of the control device, the permit holder shall promptly take necessary corrective actions and report a deviation:
 - (i) Install a flow indicator that is capable of recording flow, at least once every fifteen minutes, immediately downstream of each valve that if opened would allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere; or
 - (ii) Once a month, the permit holder shall inspect the valves checking the position of the valves and the condition of the car seals. Identify all times when the car seal has been broken and the valve position has been changed to allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere.
- G. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.
- 27. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

- 28. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield

- 29. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
- 30. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).
- 31. The permit holder shall comply with the following requirements for Air Quality Standard Permits:
 - A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit
 - B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit
 - C. Requirements of the non-rule Air Quality Standard Permit for Pollution Control Projects

Compliance Requirements

- 32. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
- 33. Use of Discrete Emission Credits to comply with the applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables

- B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

34. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Protection of Stratospheric Ozone

- 35. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:
 - A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.
 - B. The permit holder shall comply with 40 CFR Part 82, Subpart F related to the disposal requirements for appliances using Class I or Class II (ozone-depleting) substances or non-exempt substitutes as specified in 40 CFR §§ 82.150 82.166 and the applicable Part 82 Appendices.

Alternative Requirements

36. The permit holder shall comply with the approved alternative means of control (AMOC); alternative monitoring, recordkeeping, or reporting requirements; or requirements

determined to be equivalent to an otherwise applicable requirement contained in the Alternative Requirements attachment of this permit. Units complying with an approved alternative requirement have reference to the approval in the Applicable Requirements summary listing for the unit. The permit holder shall maintain the original documentation, from the TCEQ Executive Director, demonstrating the method or limitation utilized. Documentation shall be maintained and made available in accordance with 30 TAC § 122.144.

Permit Location

37. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

38. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Alternative Requirement

Applicable Requirements Summary

Unit Summary	
Applicable Requirements Summary	·42

Note: A "none" entry may be noted for some emission sources in this permit's "Applicable Requirements Summary" under the heading of "Monitoring and Testing Requirements" and/or "Recordkeeping Requirements" and/or "Reporting Requirements." Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
10DIS243	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10DIS243	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-13	40 CFR Part 63, Subpart G	No changing attributes.
10DIS245	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10DIS245	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-13	40 CFR Part 63, Subpart G	No changing attributes.
10DSY206	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10DSY206	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Smokeless flare
10DSY206	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-8	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.
10DSY206	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-9	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.
10DSY206	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
10DSY208	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10DSY208	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-12	40 CFR Part 63, Subpart G	No changing attributes.
10DSY215	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10DSY215	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-13	40 CFR Part 63, Subpart G	No changing attributes.
10DSY216	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10DSY216	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-12	40 CFR Part 63, Subpart G	No changing attributes.
10DSY217	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
10DSY217	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-12	40 CFR Part 63, Subpart G	No changing attributes.
10DSY226	TREATMENT PROCESS	N/A	61FF-1	40 CFR Part 61, Subpart FF	No changing attributes.
10DSY226	TREATMENT PROCESS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10DSY226PV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10DSY230	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10DSY230	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-13	40 CFR Part 63, Subpart G	No changing attributes.
10FLR004	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10FLR004	FLARES	N/A	63A-2	40 CFR Part 63, Subpart A	No changing attributes.
10FLR004A	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10FLR004B	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10FLR004C	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
10FLR005	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10FLR005	FLARES	N/A	60A-2	40 CFR Part 60, Subpart A	Flare Assist Type = Non-assisted, Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec), Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4).
10FLR005	FLARES	N/A	60A-3	40 CFR Part 60, Subpart A	Adhering to Heat Content Specifications = Adhering to the requirements in 40 CFR § 60.18(c)(3)(i).
10FLR005	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-1	40 CFR Part 61, Subpart FF	No changing attributes.
10FLR005	FLARES	N/A	63A-2	40 CFR Part 63, Subpart A	Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8)., Flare Assist Type = Non-assisted, Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)
10FLR005	FLARES	N/A	63A-3	40 CFR Part 63, Subpart A	Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(i).

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
10FLR005	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-4	40 CFR Part 63, Subpart G	No changing attributes.
10FUG	FUGITIVE EMISSION UNITS	N/A	60KKK-ALL	40 CFR Part 60, Subpart KKK	No changing attributes.
10FUG	FUGITIVE EMISSION UNITS	N/A	60VVa-1	40 CFR Part 60, Subpart VVa	No changing attributes.
10FUG	FUGITIVE EMISSION UNITS	N/A	63H-1	40 CFR Part 63, Subpart H	No changing attributes.
10FUG	FUGITIVE EMISSION UNITS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
10FUG2	FUGITIVE EMISSION UNITS	N/A	60VVa-1	40 CFR Part 60, Subpart VVa	No changing attributes.
10FUG2	FUGITIVE EMISSION UNITS	N/A	63H-1	40 CFR Part 63, Subpart H	No changing attributes.
10LTR037A	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR056A	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR056A	LOADING/UNLOADING OPERATIONS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10LTR056C	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR056C	LOADING/UNLOADING OPERATIONS	N/A	63G-7	40 CFR Part 63, Subpart G	No changing attributes.

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
10LTR061A	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR061A	LOADING/UNLOADING OPERATIONS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10LTR061D	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR061D	LOADING/UNLOADING OPERATIONS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10LTR061E	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR061F	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR061L	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR061L	LOADING/UNLOADING OPERATIONS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10LTR072	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10LTR073	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	Transfer Type = Only unloading., Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					that close automatically when disconnected.
10LTR073	LOADING/UNLOADING OPERATIONS	N/A	R5211-8	30 TAC Chapter 115, Loading and Unloading of VOC	Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized., Chapter 115 Control Device Type = Vapor control system with a carbon adsorption system., Transfer Type = Only loading., Control Options = Vapor control system that maintains a control efficiency of at least 90%., Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.
10LTR073	LOADING/UNLOADING OPERATIONS	N/A	63G-9	40 CFR Part 63, Subpart G	No changing attributes.
10LTR087	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
10MSV260	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10MSV260	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Smokeless flare
10MSV260	EMISSION	N/A	R5121-6	30 TAC Chapter 115,	Control Device Type = Vapor

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	POINTS/STATIONARY VENTS/PROCESS VENTS			Vent Gas Controls	recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.
10MSV260	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-7	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.
10MSV260	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-8	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.
10MSV260	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-9	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
10MSV260	CHEMICAL MANUFACTURING PROCESS	N/A	63FFFF-SV260	40 CFR Part 63, Subpart FFFF	No changing attributes.
10MSV261	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10MSV261	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Smokeless flare
10MSV261	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-6	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.
10MSV261	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-7	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.
10MSV261	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-8	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					adsorption system, chiller, flare or vapor combustor.
10MSV261	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-9	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.
10MSV261	CHEMICAL MANUFACTURING PROCESS	N/A	63FFFF-SV261	40 CFR Part 63, Subpart FFFF	No changing attributes.
10NGP	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10RCT201A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10RCT201A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-12	40 CFR Part 63, Subpart G	No changing attributes.
10RCT222	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10RCT222	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-12	40 CFR Part 63, Subpart G	No changing attributes.
10RCT223	EMISSION	N/A	R5121-3	30 TAC Chapter 115,	No changing attributes.

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	POINTS/STATIONARY VENTS/PROCESS VENTS			Vent Gas Controls	
10RCT223	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-12	40 CFR Part 63, Subpart G	No changing attributes.
10RSY201	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10RSY201	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-12	40 CFR Part 63, Subpart G	No changing attributes.
10RSY219-1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10RSY219-1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
10RSY219-2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10RSY219-2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
10RSY219-3	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10RSY219-3	EMISSION POINTS/STATIONARY	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	VENTS/PROCESS VENTS				
10RSY219-4	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10RSY219-4	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
10SEP251	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-2	30 TAC Chapter 115, Water Separation	No changing attributes.
10SEP252	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-1	30 TAC Chapter 115, Water Separation	No changing attributes.
10SEP303	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-1	30 TAC Chapter 115, Water Separation	No changing attributes.
10SEP303	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	61FF-1	40 CFR Part 61, Subpart FF	No changing attributes.
10SMP048	STORAGE TANKS/VESSELS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
10TFX006E	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
10TFX006E	STORAGE TANKS/VESSELS	N/A	61FF-4	40 CFR Part 61, Subpart FF	No changing attributes.
10TFX006E	STORAGE TANKS/VESSELS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
10TFX009	STORAGE TANKS/VESSELS	N/A	R5112-4	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
10TFX009	STORAGE TANKS/VESSELS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10TFX015	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX018	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX021B	STORAGE TANKS/VESSELS	N/A	R5112-6	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
10TFX021B	STORAGE TANKS/VESSELS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10TFX021C	STORAGE TANKS/VESSELS	N/A	R5112-6	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
10TFX021C	STORAGE TANKS/VESSELS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10TFX035A	STORAGE TANKS/VESSELS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10TFX037	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10TFX037	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX038	STORAGE	N/A	63G-1	40 CFR Part 63,	No changing attributes.

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS			Subpart G	
10TFX039	STORAGE TANKS/VESSELS	N/A	61FF-4	40 CFR Part 61, Subpart FF	No changing attributes.
10TFX039	STORAGE TANKS/VESSELS	N/A	63G-15	40 CFR Part 63, Subpart G	No changing attributes.
10TFX047	STORAGE TANKS/VESSELS	N/A	R5112-16	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
10TFX047	STORAGE TANKS/VESSELS	N/A	63G-1	40 CFR Part 63, Subpart G	No changing attributes.
10TFX067	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX307	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX324	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX324	STORAGE TANKS/VESSELS	N/A	61FF-4	40 CFR Part 61, Subpart FF	No changing attributes.
10TFX340	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX341	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX343	EMISSION	N/A	R1111-1	30 TAC Chapter 111,	No changing attributes.

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	POINTS/STATIONARY VENTS/PROCESS VENTS			Visible Emissions	
10TFX343	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX344	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10TFX344	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX345	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX345	STORAGE TANKS/VESSELS	N/A	61FF-4	40 CFR Part 61, Subpart FF	No changing attributes.
10TFX350	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10TFX350	STORAGE TANKS/VESSELS	N/A	61FF-4	40 CFR Part 61, Subpart FF	No changing attributes.
10TFX351	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10VNT001	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
10VNT002	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10VNT003	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
10VNT003	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10WTU237	STORAGE TANKS/VESSELS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
11SEP055A	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R5131-2	30 TAC Chapter 115, Water Separation	No changing attributes.
11SEP055A	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	63YY-1	40 CFR Part 63, Subpart YY	No changing attributes.
11TFX036	STORAGE TANKS/VESSELS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
11TFX047	STORAGE TANKS/VESSELS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
11TFX055	STORAGE TANKS/VESSELS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
GRP10DIS01	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DIS039A, 10DSY211, 10DSY212	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10DIS01	EMISSION	10DIS039A, 10DSY211,	63G-13	40 CFR Part 63,	No changing attributes.

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	POINTS/STATIONARY VENTS/PROCESS VENTS	10DSY212		Subpart G	
GRP10DIS03	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DIS244A, 10DIS244	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP10DIS03	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DIS244A, 10DIS244	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10DIS03	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DIS244A, 10DIS244	63G-13	40 CFR Part 63, Subpart G	No changing attributes.
GRP10DIS04	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DIS240, 10DIS242	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10DIS04	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DIS240, 10DIS242	63G-13	40 CFR Part 63, Subpart G	No changing attributes.
GRP10DIS05	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DIS241, 10DIS241A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10DIS05	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DIS241, 10DIS241A	63G-13	40 CFR Part 63, Subpart G	No changing attributes.
GRP10DIS06	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DIS205, 10DIS218, 10DSY203, 10DSY207	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10DIS06	EMISSION POINTS/STATIONARY	10DIS205, 10DIS218, 10DSY203, 10DSY207	63G-13	40 CFR Part 63, Subpart G	No changing attributes.

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	VENTS/PROCESS VENTS				
GRP10DIS16	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DSY213, 10DSY214	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP10DIS16	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DSY213, 10DSY214	R5121-3	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Smokeless flare
GRP10DIS16	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DSY213, 10DSY214	R5121-5	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Smokeless flare
GRP10DIS16	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DSY213, 10DSY214	R5121-8	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.
GRP10DIS16	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DSY213, 10DSY214	R5121-9	30 TAC Chapter 115, Vent Gas Controls	Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.
GRP10DIS16	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10DSY213, 10DSY214	63YY	40 CFR Part 63, Subpart YY	No changing attributes.

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP10FLR01	FLARES	10FLR001, 10FLR002, 10FLR003, 10FLR003A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP10FLR01	FLARES	10FLR001, 10FLR002, 10FLR003, 10FLR003A	63A-1	40 CFR Part 63, Subpart A	Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8)., Flare Assist Type = Non-assisted, Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)
GRP10FLR01	FLARES	10FLR001, 10FLR002, 10FLR003, 10FLR003A	63A-2	40 CFR Part 63, Subpart A	Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(i).
GRP10LD001	LOADING/UNLOADING OPERATIONS	10LRC041F, 10LTR056E, 10LTR061B, 10LTR061M, 10LTR061N	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
GRP10LD001	LOADING/UNLOADING OPERATIONS	10LRC041F, 10LTR056E, 10LTR061B, 10LTR061M, 10LTR061N	61BB-1	40 CFR Part 61, Subpart BB	No changing attributes.
GRP10LD003	LOADING/UNLOADING OPERATIONS	10LRC041D, 10LRC041G, 10LRC060, 10LTR056D, 10LTR057, 10LTR061K, 10LTR061O, 10LTR062D, 10LTR062E, 10LTR062F, 10LTR074	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
GRP10LD005	LOADING/UNLOADING OPERATIONS	10LRC041A, 10LRC041B, 10LRC041C, 10LRC041E,	R5211-1	30 TAC Chapter 115, Loading and	No changing attributes.

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		10LTR036, 10LTR061G, 10LTR061I		Unloading of VOC	
GRP10LD006	LOADING/UNLOADING OPERATIONS	10LTR056F, 10LTR061C	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
GRP10LD006	LOADING/UNLOADING OPERATIONS	10LTR056F, 10LTR061C	61BB-1	40 CFR Part 61, Subpart BB	No changing attributes.
GRP10PV001	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX011, 10TFX015A, 10TFX019, 10TFX020, 10TFX020A, 10TFX022, 10TFX026, 10TFX026A, 10TFX043, 10TFX044, 10TFX309, 10TFX312, 10TFX313, 10TFX314, 10TFX315, 10TFX316, 10TFX319, 10TFX320, 10TFX321, 10TFX322, 10TFX323, 10TFX334, 10TFX336, 10TFX342	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP10PV001	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX011, 10TFX015A, 10TFX019, 10TFX020, 10TFX020A, 10TFX022, 10TFX026, 10TFX026A, 10TFX043, 10TFX044, 10TFX309, 10TFX312, 10TFX313, 10TFX314, 10TFX315, 10TFX316, 10TFX319, 10TFX320, 10TFX321, 10TFX322, 10TFX323, 10TFX334, 10TFX336, 10TFX342	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP10PV002	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX305, 10TFX306	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10PV002	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX305, 10TFX306	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
GRP10PV003	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX006A, 10TFX006B, 10TFX006C, 10TFX006D, 10TFX006F, 10TFX008, 10TFX021, 10TFX053, 10TFX335, 10TFX338, 10TFX339, 10XTR333, 10XTR333A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP10PV003	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX006A, 10TFX006B, 10TFX006C, 10TFX006D, 10TFX006F, 10TFX008, 10TFX021, 10TFX053, 10TFX335, 10TFX338, 10TFX339, 10XTR333, 10XTR333A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10PV004	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX300, 10TFX301, 10TFX302, 10TFX328, 10TFX329, 10TFX330, 10TFX352, 10TFX353	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP10PV004	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX300, 10TFX301, 10TFX302, 10TFX328, 10TFX329, 10TFX330, 10TFX352, 10TFX353	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10PV004	CLOSED VENT SYSTEM AND CONTROL DEVICE	10TFX300, 10TFX301, 10TFX302, 10TFX328,	61FF-4	40 CFR Part 61, Subpart FF	No changing attributes.

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		10TFX329, 10TFX330, 10TFX352, 10TFX353			
GRP10PV004	CLOSED VENT SYSTEM AND CONTROL DEVICE	10TFX300, 10TFX301, 10TFX302, 10TFX328, 10TFX329, 10TFX330, 10TFX352, 10TFX353	63G-4	40 CFR Part 63, Subpart G	No changing attributes.
GRP10PV005	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX033, 10TFX034A, 10TFX034B	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP10PV005	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX033, 10TFX034A, 10TFX034B	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10PV006	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10RPF001, 10RPF002	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP10PV006	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10RPF001, 10RPF002	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10PV007	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX049A, 10TFX049B, 10TFX049C	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP10PV007	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10TFX049A, 10TFX049B, 10TFX049C	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10RX001	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	10RCT228, 10RCT229	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP10RX001	EMISSION	10RCT228, 10RCT229	63G-12	40 CFR Part 63,	No changing attributes.

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	POINTS/STATIONARY VENTS/PROCESS VENTS			Subpart G	
	CHEMICAL MANUFACTURING PROCESS	N/A	63F-1	40 CFR Part 63, Subpart F	No changing attributes.

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10DIS243	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DIS243	EP	63G-13	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	\$ 63.114(e) [G]\$ 63.117(a)(5) \$ 63.117(f) \$ 63.118(f)(2) \$ 63.118(f)(4) \$ 63.118(f)(5) [G]\$ 63.151(b) \$ 63.151(e) [G]\$ 63.151(e)(1) \$ 63.151(e)(2) \$ 63.151(e)(3) [G]\$ 63.151(e)(3) [G]\$ 63.152(a) \$ 63.152(b) [G]\$ 63.152(b) [G]\$ 63.152(b)(1) [G]\$ 63.152(c)(1) \$ 63.152(c)(1) \$ 63.152(c)(2) \$ 63.152(c)(2)(ii) \$ 63.152(c)(2)(iii) \$ 63.152(c)(4)(iii) [G]\$ 63.152(c)(4)(iii) [G]\$ 63.152(c)(6)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10DIS245	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DIS245	EP	63G-13	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	\$ 63.114(e) [G]\$ 63.117(a)(5) \$ 63.118(f)(2) \$ 63.118(f)(4) \$ 63.118(f)(5) [G]\$ 63.151(b) \$ 63.151(e) [G]\$ 63.151(e)(1) \$ 63.151(e)(2) \$ 63.151(e)(3) [G]\$ 63.151(e)(3) [G]\$ 63.152(a) \$ 63.152(b) [G]\$ 63.152(b) [G]\$ 63.152(b) [G]\$ 63.152(c)(1) \$ 63.152(c)(2) \$ 63.152(c)(2) \$ 63.152(c)(2)(ii) \$ 63.152(c)(2)(iii) \$ 63.152(c)(4)(iii) [G]\$ 63.152(c)(6)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10DSY206	EP	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a sixminute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, nonfuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
10DSY206	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						combustion devices).			
10DSY206	EP	R5121-8	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) *** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DSY206	EP	R5121-9	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) *** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DSY206	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					requirements of 40 CFR Part 63, Subpart YY				
10DSY208	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DSY208	EP	63G-12	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) [G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(3) [G]§ 63.151(g)(3) [G]§ 63.151(g) [G]§ 63.152(b) [G]§ 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2) § 63.152(c)(2) § 63.152(c)(2) § 63.152(c)(2) § 63.152(c)(2)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10DSY215	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DSY215	EP	63G-13	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	\$ 63.114(e) [G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(c)(1) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10DSY216	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DSY216	EP	63G-12	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	\$ 63.114(e) [G]§ 63.117(a)(5) \$ 63.117(f) \$ 63.118(f)(2) \$ 63.118(f)(5) [G]§ 63.151(b) \$ 63.151(e) [G]§ 63.151(e)(1) \$ 63.151(e)(2) \$ 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) \$ 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(c)(1) \$ 63.152(c)(1) \$ 63.152(c)(2) \$ 63.152(c)(2) [G]§ 63.152(c)(2) [G]§ 63.152(c)(2)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10DSY217	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DSY217	EP	63G-12	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	\$ 63.114(e) [G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(3) [G]§ 63.151(e)(3) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10DSY226	PRO	61FF-1	BENZENE	40 CFR Part 61, Subpart FF	\$ 61.348(a)(5) \$ 60.18 \$ 61.348(b)(1) [G]§ 61.348(b)(2) \$ 61.348(e) \$ 61.348(e)(1) \$ 61.348(e)(2) \$ 61.349(a) \$ 61.349(a)(1)(ii) \$ 61.349(a)(1)(iii) \$ 61.349(a)(1)(iii) \$ 61.349(a)(1)(iii) \$ 61.349(a)(1)(iv) \$ 61.349(b) \$ 61.349(b) \$ 61.349(e) \$ 61.349(g)	An owner or operator that aggregates or mixes any combination of process wastewater, product tank drawdown, or landfill leachate subject to §61.342(c)(1) together with other waste streams to create a combined waste stream for the purpose of facilitating management or treatment of waste in a wastewater treatment system shall operate the wastewater treatment system in accordance with §61.348(b). These provisions apply to above- and belowground level wastewater treatment reatment systems.	§ 60.18(f)(2) [G]§ 61.348(b)(2) § 61.348(e)(1) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(a)(2) [G]§ 61.354(b) § 61.354(c) § 61.354(f)(1) § 61.355(g) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.354(a)(2) § 61.354(c) § 61.354(c)(3) § 61.355(g) § 61.356(b)(6) § 61.356(e) § 61.356(e)(1) [G]§ 61.356(f) § 61.356(f) § 61.356(h) [G]§ 61.356(j) § 61.356(j) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3) § 61.356(j)(7)	§ 61.357(d)(7) § 61.357(d)(7)(ii) § 61.357(d)(7)(iii) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)
10DSY226	PRO	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.138(f) § 63.11 [G]§ 63.132(f) [G]§ 63.138(k) § 63.139(b) § 63.139(c)(3) § 63.139(f) § 63.140(a) § 63.140(b)	Required mass removal (RMR) option shall be achieved for sources as specified and compliance tested based on the treatment process adopted and using procedures in §63.145(e) or §63.145(f).	§ 63.138(j)(2) § 63.139(d)(3) § 63.139(e) § 63.143(c) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.144(b)	§ 63.144(b)(3) § 63.144(b)(4) § 63.144(b)(5)(ii) § 63.144(c)(1) § 63.144(c)(2) § 63.144(c)(3) § 63.145(a)(3) [G]§ 63.145(a)(4) § 63.147(b)	§ 63.143(c) § 63.146(b)(2) § 63.146(b)(4) § 63.146(b)(5) § 63.146(b)(7) [G]§ 63.146(b)(7)(i) [G]§ 63.146(b)(8) § 63.146(b)(9)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.144(a) § 63.145(e)(6) [G]§ 63.145(j) [G]§ 63.148(d) § 63.148(e)		\$ 63.144(b)(1) \$ 63.144(b)(2) \$ 63.144(b)(3) \$ 63.144(b)(5) [G]§ 63.144(b)(5)(ii) § 63.144(b)(5)(iii) [G]§ 63.144(b)(5)(iii) \$ 63.144(b)(5)(iv) \$ 63.144(b)(6) \$ 63.144(c) \$ 63.144(c)(1) \$ 63.144(c)(2) \$ 63.144(c)(3) \$ 63.145(a)(3) [G]§ 63.145(a)(1) \$ 63.145(a)(3) [G]§ 63.145(a)(4) \$ 63.145(a)(5) [G]§ 63.145(a)(6) \$ 63.145(a)(8) \$ 63.145(a)(9)(i) [G]§ 63.145(e)(1) \$ 63.145(e)(1) \$ 63.145(e)(2) \$ 63.145(e)(3) \$ 63.145(e)(4)(i) \$ 63.145(e)(5) \$ 63.145(e)(6) \$ 63.145(e)(6) \$ 63.145(e)(2) \$ 63.145(e)(2)	\$ 63.147(b)(2) \$ 63.147(b)(4) \$ 63.147(b)(5) \$ 63.147(d) \$ 63.147(d)(1) \$ 63.147(e) \$ 63.148(g)(2) \$ 63.148(i)(1) \$ 63.148(i)(2) \$ 63.148(i)(3)(ii) [G]§ 63.148(i)(5) \$ 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	\$ 63.146(b)(9)(ii) [G]§ 63.146(d) \$ 63.146(e) \$ 63.146(e)(1) \$ 63.148(j)(1) \$ 63.148(j)(3) [G]§ 63.151(b) \$ 63.151(e)(2) \$ 63.151(e)(2) \$ 63.151(e)(5) \$ 63.151(e)(5) \$ 63.151(f)(1) \$ 63.151(f)(2) \$ 63.152(b) [G]§ 63.152(b) [G]§ 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(c)(1) \$ 63.152(c)(1) \$ 63.152(c)(3) \$ 63.152(c)(3) \$ 63.152(c)(3) \$ 63.152(c)(3)(ii) \$ 63.152(c)(4)(ii) [G]§ 63.152(c)(6)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(f)(2) § 63.148(g) § 63.148(g) § 63.148(h) § 63.148(h)(2)		
10DSY226PV	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) *** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10DSY230	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						combustion devices).			
10DSY230	EP	63G-13	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) [G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(e)(3) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(c)(1) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10FLR004	EU	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.11(a).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
10FLR004	CD	63A-2	112(B) HAPS	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.11(b)(6)(ii) § 63.11(b)(7)(i)	any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.			
10FLR004A	EU	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.11(a).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
10FLR004B	EU	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.11(a).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
10FLR004C	EU	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.11(a).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
10FLR005	EU	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						in §101.11(a).			
10FLR005	CD	60A-2	OPACITY	40 CFR Part 60, Subpart A	\$ 60.18(b) \$ 60.18(c)(1) \$ 60.18(c)(2) \$ 60.18(c)(3)(ii) \$ 60.18(c)(4)(i) \$ 60.18(c)(6) \$ 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None
10FLR005	CD	60A-3	OPACITY	40 CFR Part 60, Subpart A	\$ 60.18(b) \$ 60.18(c)(1) \$ 60.18(c)(2) \$ 60.18(c)(3)(i)(A) \$ 60.18(c)(3)(i)(B) \$ 60.18(c)(6) \$ 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(4)	None	None
10FLR005	CD	61FF-1	BENZENE	40 CFR Part 61, Subpart FF	§ 61.349(a) § 60.18 § 61.349(a)(1)(ii) § 61.349(a)(1)(iii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g) § 61.354(c)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device.	§ 60.18(f)(2) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(3) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(3) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2)(i)(D) § 61.356(h) § 61.356(j) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(7)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)
10FLR005	CD	63A-2	112(B) HAPS	40 CFR Part 63, Subpart A	\$ 63.11(b)(4) \$ 63.11(b)(1) \$ 63.11(b)(2) \$ 63.11(b)(3) \$ 63.11(b)(5) \$ 63.11(b)(6)(ii) \$ 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10FLR005	CD	63A-3	112(B) HAPS	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(i)(A) § 63.11(b)(6)(i)(B) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
10FLR005	EU	63G-4	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.11 § 63.139(b) § 63.139(c)(3) § 63.139(f) § 63.140(a) § 63.140(c) [G]§ 63.145(j) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5).	§ 63.139(d)(3) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(g) [G]§ 63.145(j) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g) § 63.148(h) § 63.148(h)	§ 63.145(a)(3) [G]§ 63.145(a)(4) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.147(d)(1) § 63.148(g)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a)	\$ 63.146(b) \$ 63.146(b)(2) \$ 63.146(b)(5) \$ 63.146(b)(7) [G]§ 63.146(b)(7)(i) \$ 63.146(c) \$ 63.146(e) \$ 63.148(j) \$ 63.148(j)(1) [G]§ 63.151(b) \$ 63.151(e) \$ 63.151(e)(2) \$ 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) \$ 63.152(b) [G]§ 63.152(b) [G]§ 63.152(c)(1) \$ 63.152(c)(1) \$ 63.152(c)(3) \$ 63.152(c)(3)(i) \$ 63.152(c)(4)(ii) [G]§ 63.152(c)(6)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10FUG	EU	60KKK- ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(f)	Use this provision instead of §60.485(d)(1). Each component is presumed to be in VOC service or in wet gas service unless it is not. For a component to be considered not in VOC service, it must be determined that the % VOC content can never be expected to exceed 10.0 % by wt. For a component to be considered in wet gas service, it must be determined that it contains or contacts the field gas before the extraction step in the process. To determine VOC content use the procedures in §60.63.	§ 60.632(f)	§ 60.632(f)	None
10FUG	EU	60KKK- ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.633(f)	Reciprocating compressors in wet gas service are exempt from the compressor control requirements of §60.482-3.	None	§ 60.486(j) § 60.635(c)	None
10FUG	EU	60KKK- ALL	VOC	40 CFR Part 60, Subpart KKK	\$ 60.632(a) \$ 60.482-1(a) \$ 60.482-1(b) \$ 60.482-1(g) \$ 60.482-3(a) [G]\$ 60.482-3(b) \$ 60.482-3(c)	Comply with the requirements for compressors as stated in §60.482-3 and §60.482-1(a), (b) and (d), except as provided in §60.633.	\$ 60.485(a) [G]\$ 60.485(b) [G]\$ 60.485(c) \$ 60.485(d)(2) \$ 60.485(d)(3) [G]\$ 60.485(e) \$ 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					\$ 60.482-3(d) \$ 60.482-3(e)(1) \$ 60.482-3(e)(2) \$ 60.482-3(f) \$ 60.482-3(g)(1) \$ 60.482-3(g)(2) \$ 60.482-3(h) [G]\$ 60.482-3(i) \$ 60.482-3(j) \$ 60.482-9(a) \$ 60.482-9(b) \$ 60.486(k)		§ 60.632(d) [G]§ 60.633(h)	[G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j)	
10FUG	EU	60KKK- ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(d) § 60.486(k)	Equipment in vacuum service to comply with \$60.482-1(a), (b), and (d) and \$60.482-2 to \$60.482-10, except as provided in \$60.633 or \$60.482-1(d).	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(5) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
10FUG	EU	60KKK- ALL	VOC	40 CFR Part 60, Subpart KKK	\$ 60.632(a) \$ 60.482-1(a) \$ 60.482-1(b) \$ 60.482-1(g) \$ 60.482-2(a)(2) \$ 60.482-2(b)(1) [G]\$ 60.482-2(c)(1) [G]\$ 60.482-2(c)(2) \$ 60.482-2(d) [G]\$ 60.482-2(d)(1) \$ 60.482-2(d)(2) \$ 60.482-2(d)(2) \$ 60.482-2(d)(3) [G]\$ 60.482-2(d)(4) [G]\$ 60.482-2(d)(5) [G]\$ 60.482-2(d)(6) [G]\$ 60.482-2(d)(6) [G]\$ 60.482-2(e)	Comply with the requirements for pumps in light liquid service as stated in §60.482-2 and §60.482-1(a), (b) and (d), except as provided in §60.633.	\$ 60.482-1(f)(1) \$ 60.482-1(f)(2) [G]\$ 60.482-2(a)(1) [G]\$ 60.482-2(a)(1) [G]\$ 60.482-2(b)(2) [G]\$ 60.485(a) [G]\$ 60.485(b) [G]\$ 60.485(b) [G]\$ 60.485(d)(2) \$ 60.485(d)(3) [G]\$ 60.485(d)(3) [G]\$ 60.485(f) \$ 60.485(f) \$ 60.632(d) [G]\$ 60.633(h)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) [G]§ 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(f) [G]§ 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					\$ 60.482-2(f) [G]\$ 60.482-2(g) \$ 60.482-2(h) \$ 60.482-9(a) \$ 60.482-9(b) [G]\$ 60.482-9(d) \$ 60.482-9(f) \$ 60.486(k)				
10FUG	EU	60KKK- ALL	VOC	40 CFR Part 60, Subpart KKK	\$ 60.632(a) \$ 60.482-1(a) \$ 60.482-1(b) \$ 60.482-1(g) \$ 60.482-4(a) \$ 60.482-4(b)(1) \$ 60.482-4(c) \$ 60.482-4(d)(1) \$ 60.482-4(d)(2) \$ 60.482-9(a) \$ 60.482-9(b) \$ 60.486(k) [G]\$ 60.633(b)(3)	Comply with the requirements for pressure relief devices in gas/vapor service as stated in §60.482-4 and 60.482-1(a), (b) and (d), except as provided in §60.633.	\$ 60.482-4(b)(2) \$ 60.485(a) [G]\$ 60.485(b) [G]\$ 60.485(c) \$ 60.485(d)(2) \$ 60.485(d)(3) \$ 60.485(f) \$ 60.632(d) \$ 60.633(b)(1) \$ 60.633(b)(2) [G]\$ 60.633(b)(3) [G]\$ 60.633(b)(4)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) [G]§ 60.633(b)(4) [G]§ 60.635(b)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636
10FUG	EU	60KKK- ALL	VOC	40 CFR Part 60, Subpart KKK	\$ 60.632(a) \$ 60.482-1(a) \$ 60.482-1(b) \$ 60.482-1(g) \$ 60.482-6(a)(1) \$ 60.482-6(b) \$ 60.482-6(b) \$ 60.482-6(c) \$ 60.482-6(d) \$ 60.482-6(e) \$ 60.482-9(a) \$ 60.482-9(b) [G]\$ 60.482-9(c) \$ 60.482-9(e) \$ 60.482-9(e)	Comply with the requirements for openended valves or lines as stated in §60.482-6 and §60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) § 60.485(f) § 60.632(d)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.486(k)				
10FUG	EU	60KKK- ALL	VOC	40 CFR Part 60, Subpart KKK	\$ 60.632(a) \$ 60.482-1(a) \$ 60.482-1(b) \$ 60.482-1(g) \$ 60.482-7(b) \$ 60.482-7(d)(1) \$ 60.482-7(d)(2) [G]\$ 60.482-7(e) [G]\$ 60.482-7(f) [G]\$ 60.482-7(f) [G]\$ 60.482-7(g) [G]\$ 60.482-7(h) \$ 60.482-9(a) \$ 60.482-9(b) [G]\$ 60.482-9(c) \$ 60.482-9(e) \$ 60.482-9(f) \$ 60.486(k)	Comply with the requirements for valves in gas/vapor service as stated in §60.482-7 and §60.482-1(a), (b) and (d), except as provided in §60.633.	\$ 60.482-1(f)(1) \$ 60.482-1(f)(2) [G]\$ 60.482-1(f)(3) \$ 60.482-7(a)(1) [G]\$ 60.482-7(a)(2) \$ 60.482-7(c)(1)(i) \$ 60.482-7(c)(1)(ii) \$ 60.482-7(c)(2) \$ 60.485(a) [G]\$ 60.485(b) [G]\$ 60.485(c) \$ 60.485(d)(2) \$ 60.485(d)(3) [G]\$ 60.485(f) \$ 60.485(f) \$ 60.632(d) [G]\$ 60.633(h)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636
10FUG	EU	60KKK- ALL	VOC	40 CFR Part 60, Subpart KKK	\$ 60.632(a) \$ 60.482-1(a) \$ 60.482-1(b) \$ 60.482-1(g) \$ 60.482-7(b) \$ 60.482-7(d)(1) \$ 60.482-7(d)(2) [G]\$ 60.482-7(e) [G]\$ 60.482-7(f) [G]\$ 60.482-7(f) [G]\$ 60.482-7(g) [G]\$ 60.482-7(h) \$ 60.482-9(a) \$ 60.482-9(b) [G]\$ 60.482-9(c) \$ 60.482-9(e) \$ 60.482-9(f) \$ 60.486(k)	Comply with the requirements for valves in light liquid service as stated in §60.482-7 and §60.482-1(a), (b) and (d), except as provided in §60.633.	\$ 60.482-1(f)(1) \$ 60.482-1(f)(2) [G]\$ 60.482-7(a)(1) [G]\$ 60.482-7(a)(1) [G]\$ 60.482-7(c)(1)(i) \$ 60.482-7(c)(1)(ii) \$ 60.482-7(c)(2) \$ 60.485-7(c)(2) \$ 60.485(a) [G]\$ 60.485(b) [G]\$ 60.485(c) \$ 60.485(d)(2) \$ 60.485(d)(3) [G]\$ 60.485(e) \$ 60.485(f) \$ 60.632(d) [G]\$ 60.633(h)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) § 60.486(f)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10FUG	EU	60KKK- ALL	VOC	40 CFR Part 60, Subpart KKK	\$ 60.632(a) \$ 60.482-1(a) \$ 60.482-1(b) \$ 60.482-1(g) \$ 60.482-8(a) \$ 60.482-8(b) \$ 60.482-8(c)(1) \$ 60.482-8(c)(2) \$ 60.482-8(d) \$ 60.482-9(a) \$ 60.482-9(b) [G]\$ 60.482-9(d) \$ 60.482-9(f) \$ 60.486(k)	Comply with the requirements for pumps in heavy liquid service as stated in §60.482-8, except as provided in §60.633.	\$ 60.482-8(a)(1) \$ 60.485(a) [G]\$ 60.485(b) \$ 60.485(d)(2) \$ 60.485(d)(3) [G]\$ 60.485(e) \$ 60.485(f) \$ 60.632(d) [G]\$ 60.633(h)	\$ 60.482-1(g) [G]\$ 60.486(a) [G]\$ 60.486(b) [G]\$ 60.486(c) \$ 60.486(e) \$ 60.486(e)(1) \$ 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636
10FUG	EU	60KKK- ALL	VOC	40 CFR Part 60, Subpart KKK	\$ 60.632(a) \$ 60.482-1(a) \$ 60.482-1(b) \$ 60.482-1(g) \$ 60.482-8(a) \$ 60.482-8(c) \$ 60.482-8(c) \$ 60.482-8(c) \$ 60.482-8(c) \$ 60.482-8(d) \$ 60.482-9(a) \$ 60.482-9(b) \$ 60.486(k)	Comply with the requirements for pressure relief devices in light liquid service as stated in §60.482-8, except as provided in §60.633.	\$ 60.482-8(a)(1) \$ 60.485(a) [G]\$ 60.485(b) \$ 60.485(d)(2) \$ 60.485(d)(3) [G]\$ 60.485(e) \$ 60.485(f) \$ 60.632(d) [G]\$ 60.633(h)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636
10FUG	EU	60KKK- ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1)	Comply with the requirements for pressure relief devices in heavy liquid service as stated in §60.482-8, except as provided in §60.633.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k)		[G]§ 60.633(h)		
10FUG	EU	60KKK- ALL	VOC	40 CFR Part 60, Subpart KKK	\$ 60.632(a) \$ 60.482-1(a) \$ 60.482-1(b) \$ 60.482-1(g) \$ 60.482-8(a) \$ 60.482-8(a) \$ 60.482-8(c) \$ 60.482-8(c) \$ 60.482-8(c) \$ 60.482-8(d) \$ 60.482-9(a) \$ 60.482-9(b) \$ 60.486(k)	Comply with the requirements for connectors as stated in §60.482-8, except as provided in §60.633.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636
10FUG	EU	60KKK- ALL	VOC	40 CFR Part 60, Subpart KKK	\$ 60.632(a) \$ 60.482-1(a) \$ 60.482-1(b) \$ 60.482-1(g) \$ 60.482-8(a) \$ 60.482-8(b) \$ 60.482-8(c)(1) \$ 60.482-8(c)(2) \$ 60.482-8(d) \$ 60.482-9(a) \$ 60.482-9(b) [G]\$ 60.482-9(c) \$ 60.486(k)	Comply with the requirements for valves in heavy liquid service as stated in §60.482-8, except as provided in §60.633.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10FUG	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) § 63.162(e) [G]§ 63.162(g) § 63.162(h)	The owner or operator of each affected source, shall comply with the requirements of subpart H for equipment in VOC service less than 300 hours per year.	[G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i) § 63.181(j)	[G]§ 63.182(a) [G]§ 63.182(b)
10FUG	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.163 [G]§ 63.171 [G]§ 63.176	The owner or operator of each affected source, shall comply with the requirements of subpart H for pumps in light liquid service.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	\$ 60.480a(e)(2)(i) \$ 60.480a(e)(2)(ii) \$ 63.162(a) \$ 63.162(c) [G]\$ 63.162(f) [G]\$ 63.162(g) \$ 63.162(h) [G]\$ 63.164 [G]\$ 63.171	The owner or operator of each affected source, shall comply with the requirements of subpart H for compressors.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.164 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.165	The owner or operator of each affected source, shall comply with the requirements of subpart H for pressure relief devices in gas/vapor service.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.171				
10FUG	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.166 [G]§ 63.171	The owner or operator of each affected source, shall comply with the requirements of subpart H for sampling connection systems.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.167 [G]§ 63.171 [G]§ 63.175	The owner or operator of each affected source, shall comply with the requirements of subpart H for open-ended valves or lines.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.168 [G]§ 63.171 [G]§ 63.175	The owner or operator of each affected source, shall comply with the requirements of subpart H for valves in gas/vapor and light liquid service.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(7)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10FUG	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171	The owner or operator of each affected source, shall comply with the requirements of subpart H for pumps in heavy liquid service.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171	The owner or operator of each affected source, shall comply with the requirements of subpart H for valves in heavy liquid service.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	\$ 60.480a(e)(2)(i) \$ 60.480a(e)(2)(ii) \$ 63.162(a) \$ 63.162(c) [G]\$ 63.162(f) [G]\$ 63.162(g) \$ 63.162(h) [G]\$ 63.169 [G]\$ 63.171	The owner or operator of each affected source, shall comply with the requirements of subpart H for connectors in heavy liquid service.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171	The owner or operator of each affected source, shall comply with the requirements of subpart H for agitators in heavy liquid service.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10FUG	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171	The owner or operator of each affected source, shall comply with the requirements of subpart H for instrumentation systems.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171	The owner or operator of each affected source, shall comply with the requirements of subpart H for pressure relief devices in liquid service.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) § 63.170 [G]§ 63.171	The owner or operator of each affected source, shall comply with the requirements of subpart H for surge control vessels and bottoms receivers.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.173	The owner or operator of each affected source, shall comply with the requirements of subpart H for agitators in gas/vapor and light liquid service.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.173 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10FUG	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.174	The owner or operator of each affected source, shall comply with the requirements of subpart H for connectors in gas/vapor or light liquid service.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.174 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.165 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d)	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.166 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Sampling connection systems. §63.166(a)-(c)	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pumps in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63Н-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Valves in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Agitators in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.170 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Surge control vessels and bottom receivers.	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.173 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Agitators gas/vapor service and in light liquid service. §63.173(a)-(j).	[G]§ 63.173 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.174 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j)	[G]§ 63.174 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.163 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.176	Standards: Pumps in light liquid service. §63.163(a)-(j)	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.168 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.175	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					requirements of 40 CFR Part 63, Subpart YY				
10FUG2	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) § 63.162(e) [G]§ 63.162(g) § 63.162(h)	The owner or operator of each affected source, shall comply with the requirements of subpart H for equipment in VOC service less than 300 hours per year.	[G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i) § 63.181(j)	[G]§ 63.182(a) [G]§ 63.182(b)
10FUG2	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.163 [G]§ 63.171 [G]§ 63.176	The owner or operator of each affected source, shall comply with the requirements of subpart H for pumps in light liquid service.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(7)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.164 [G]§ 63.171	The owner or operator of each affected source, shall comply with the requirements of subpart H for compressors.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.164 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a)	The owner or operator of each affected source, shall comply with the	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.165 [G]§ 63.171	requirements of subpart H for pressure relief devices in gas/vapor service.	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	[G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f)	[G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.166 [G]§ 63.171	The owner or operator of each affected source, shall comply with the requirements of subpart H for sampling connection systems.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.167 [G]§ 63.171 [G]§ 63.175	The owner or operator of each affected source, shall comply with the requirements of subpart H for open-ended valves or lines.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.168 [G]§ 63.171 [G]§ 63.175	The owner or operator of each affected source, shall comply with the requirements of subpart H for valves in gas/vapor and light liquid service.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								[G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9)	
10FUG2	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171	The owner or operator of each affected source, shall comply with the requirements of subpart H for pumps in heavy liquid service.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171	The owner or operator of each affected source, shall comply with the requirements of subpart H for valves in heavy liquid service.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171	The owner or operator of each affected source, shall comply with the requirements of subpart H for connectors in heavy liquid service.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c)	The owner or operator of each affected source, shall comply with the requirements of subpart	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.169	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171	H for agitators in heavy liquid service.	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	§ 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171	The owner or operator of each affected source, shall comply with the requirements of subpart H for instrumentation systems.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	\$ 60.480a(e)(2)(i) \$ 60.480a(e)(2)(ii) \$ 63.162(a) \$ 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) \$ 63.162(h) [G]§ 63.169 [G]§ 63.171	The owner or operator of each affected source, shall comply with the requirements of subpart H for pressure relief devices in liquid service.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	\$ 60.480a(e)(2)(i) \$ 60.480a(e)(2)(ii) \$ 63.162(a) \$ 63.162(c) [G]§ 63.162(g) \$ 63.162(h) \$ 63.170 [G]§ 63.171	The owner or operator of each affected source, shall comply with the requirements of subpart H for surge control vessels and bottoms receivers.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c)	The owner or operator of each affected source, shall comply with the requirements of subpart	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.173	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.173	H for agitators in gas/vapor and light liquid service.	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(c) [G]§ 63.181(d)	§ 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	60VVa-1	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.174	The owner or operator of each affected source, shall comply with the requirements of subpart H for connectors in gas/vapor or light liquid service.	[G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f) [G]§ 63.174 [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 60.486a(i) § 60.486a(j) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.165 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d)	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.166 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Sampling connection systems. §63.166(a)-(c)	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pumps in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Valves in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Agitators in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.170 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Surge control vessels and bottom receivers.	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.173 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Agitators gas/vapor service and in light liquid service. §63.173(a)-(j).	[G]§ 63.173 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.174 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j)	[G]§ 63.174 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.163 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.176	Standards: Pumps in light liquid service. §63.163(a)-(j)	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
10FUG2	EU	63H-1	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.168 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.175	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10LTR037A	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10LTR056A	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10LTR056A	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
10LTR056C	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.213(a) § 115.910	Alternate methods of demonstrating compliance with the applicable control requirements or exemption criteria may be used if the emission reductions are demonstrated to be equivalent.	§ 115.213(a)	§ 115.213(a)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10LTR056C	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10LTR056C	EU	63G-7	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
10LTR061A	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(1) § 115.212(b)(1)(A) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(ii) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(E) § 115.214(b)(1)(B) § 115.214(b)(1)(C) § 60.18	In Aransas, Bexar, Calhoun, Gregg, Matagorda, Nueces, San Patricio, Travis, and Victoria Counties, vapors caused by the loading of VOC with a TVP greater than or equal to 1.5 psia must be controlled using one of the methods specified in §115.212(b)(1)(A)-(C).	\$ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(1) [G]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(5) § 115.215(6) § 115.215(9) § 115.215(9) § 115.216(1) § 115.216(1)	§ 115.216 § 115.216(1) § 115.216(1)(B) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
10LTR061A	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(a) § 63.11 § 63.126(a)(1)	For Group 1 transfer racks shall operate a vapor collection system	[G]§ 63.126(d)(3) § 63.127(a) § 63.127(a)(2)	§ 63.129(a)(1) [G]§ 63.129(a)(5) § 63.130(a)(1)	§ 63.129(a)(2) § 63.129(a)(3) [G]§ 63.129(a)(5)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.126(a)(2) § 63.126(b)(2) [G]§ 63.126(b)(2) [G]§ 63.126(d)(3) § 63.126(f) § 63.126(h) [G]§ 63.148(d) § 63.148(e)	and control device for organic HAPs.	§ 63.127(e) [G]§ 63.128(b) [G]§ 63.128(f) § 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(g) § 63.148(h) § 63.148(h)(2) § 63.152(g)(1)(ii) § 63.152(g)(1)(iii) § 63.152(g)(1)(iv) [G]§ 63.152(g)(1)(v)	\$ 63.130(a)(2)(i) \$ 63.130(c) \$ 63.130(f) \$ 63.130(f)(1) \$ 63.130(f)(2) \$ 63.130(f)(3) \$ 63.130(f)(3)(ii) \$ 63.148(g)(2) \$ 63.148(i)(1) \$ 63.148(i)(2) [G]§ 63.148(i)(5) \$ 63.148(i)(5) \$ 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(g)(1)(ii) \$ 63.152(g)(1)(iii) \$ 63.152(g)(1)(iii) \$ 63.152(g)(1)(iv) [G]§ 63.152(g)(1)(vi) [G]§ 63.152(g)(2)(iii) § 63.152(g)(2)(iii)	§ 63.130(d)(1) § 63.130(d)(2) § 63.130(d)(5) § 63.148(j) [G]§ 63.151(b) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(ii) [G]§ 63.152(c)(2)(iii) § 63.152(c)(3)(ii) § 63.152(c)(3)(ii) § 63.152(c)(3)(ii) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(c)(4)(ii) [G]§ 63.152(c)(4)(ii) [G]§ 63.152(c)(4)(ii) [G]§ 63.152(c)(4)(ii) [G]§ 63.152(c)(4)(ii) [G]§ 63.152(c)(4)(ii) [G]§ 63.152(g)(1) § 63.152(g)(2)(ii)
10LTR061D	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(1) § 115.212(b)(1)(A) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(ii) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(E) § 115.214(b)(1)(B) § 115.214(b)(1)(C)	In Aransas, Bexar, Calhoun, Gregg, Matagorda, Nueces, San Patricio, Travis, and Victoria Counties, vapors caused by the loading of VOC with a TVP greater than or equal to 1.5 psia must	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10)	§ 115.216 § 115.216(1) § 115.216(1)(B) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.18	be controlled using one of the methods specified in §115.212(b)(1)(A)-(C).	[G]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(5) § 115.215(8) § 115.215(9) § 115.216(1) § 115.216(1)(B)		
10LTR061D	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
10LTR061E	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10LTR061F	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(3) § 115.212(b)(2) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(i) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(D) § 115.214(b)(1)(B) § 115.214(b)(1)(C)	All land-based VOC transfer to or from transport vessels shall be conducted in the manner specified for leak-free operations.	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii)	§ 115.216 § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(iii)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10LTR061L	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10LTR061L	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
10LTR072	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10LTR073	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(3) § 115.212(b)(2) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(i) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(D) § 115.214(b)(1)(B) § 115.214(b)(1)(C)	All land-based VOC transfer to or from transport vessels shall be conducted in the manner specified for leak-free operations.	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii)	§ 115.216 § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(iii)	None
10LTR073	EU	R5211-8	VOC	30 TAC	§ 115.212(b)(1)	In Aransas, Bexar,	§ 115.212(b)(3)(B)	§ 115.216	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(1)(A) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(ii) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(E) § 115.214(b)(1)(B) § 115.214(b)(1)(C)	Calhoun, Gregg, Matagorda, Nueces, San Patricio, Travis, and Victoria Counties, vapors caused by the loading of VOC with a TVP greater than or equal to 1.5 psia must be controlled using one of the methods specified in §115.212(b)(1)(A)-(C).	[G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(5) § 115.215(8) § 115.215(9) § 115.216(1) § 115.216(1)(A) § 115.216(1)(A)	\$ 115.216(1) \$ 115.216(1)(A) \$ 115.216(1)(A)(iii) \$ 115.216(2) \$ 115.216(3)(A) \$ 115.216(3)(A)(ii) \$ 115.216(3)(A)(iii) \$ 115.216(3)(B)	
10LTR073	EU	63G-9	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
10LTR087	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	\$ 115.214(b)(1)(A) \$ 115.214(b)(1)(A)(i) \$ 115.215 \$ 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
10MSV260	EP	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-	None	None	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, nonfuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
10MSV260	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) *** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10MSV260	EP	R5121-6	VOC	30 TAC Chapter 115,	§ 115.122(b) § 115.121(b)	For all persons in Nueces and Victoria	[G]§ 115.125 § 115.126(1)	§ 115.126 § 115.126(1)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Vent Gas Controls	§ 115.122(b)(3)	Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126(1)(C) § 115.126(2)	
10MSV260	EP	R5121-7	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10MSV260	EP	R5121-8	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).			
10MSV260	EP	R5121-9	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) *** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10MSV260	EP	63FFFF- SV260	112(B) HAPS	40 CFR Part 63, Subpart FFFF	\$ 63.2460(a) \$ 63.11(b) \$ 63.2450(b) \$ 63.2450(b) \$ 63.2460(a)-Table 2.1.c \$ 63.2460(c)(7) \$ 63.982(b) \$ 63.983(a)(1) \$ 63.983(d)(1) \$ 63.983(d)(1) \$ 63.983(d)(2) \$ 63.983(d)(3) \$ 63.987(a) \$ 63.997(b)(1) \$ 63.997(c)(3)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) [G]§ 63.1257(d)(2)(i) [G]§ 63.1257(d)(2)(ii) § 63.2460(b)(1) § 63.2460(b)(2) § 63.2460(b)(3) [G]§ 63.2460(b)(4) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(ii) § 63.2460(c)(3)(ii) § 63.2460(c)(3)(ii) § 63.2460(c)(4) § 63.2460(c)(4) § 63.2460(c)(4) § 63.2460(c)(4) § 63.2460(c)(6) § 63.2460(c)(6) § 63.983(b) [G]§ 63.983(b)(1)	\$ 63.2450(f)(2) \$ 63.2450(f)(2)(i) \$ 63.2450(f)(2)(ii) \$ 63.2460(b)(6)(i) \$ 63.2460(c)(3)(ii) \$ 63.2460(c)(6) \$ 63.2525(g) \$ 63.983(b) [G]§ 63.983(d)(2) \$ 63.987(c) \$ 63.998(a)(1)(iii) \$ 63.998(a)(1)(iii) \$ 63.998(a)(1)(iii)(A) \$ 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5)	\$ 63.2450(f)(2)(ii) \$ 63.2450(q) \$ 63.2460(b)(6) \$ 63.2460(b)(6)(ii) \$ 63.2460(b)(6)(ii) \$ 63.2460(b)(7) \$ 63.2460(c)(3)(i) \$ 63.997(c)(3) \$ 63.997(c)(3) \$ 63.998(a)(1)(iii)(A) [G]\$ 63.998(b)(3) [G]\$ 63.999(b)(5) \$ 63.999(c)(1) \$ 63.999(c)(2)(i) \$ 63.999(c)(3) \$ 63.999(c)(6) [G]\$ 63.999(c)(6)(i)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	[G]§ 63.998(c)(1) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
10MSV261	EP	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a sixminute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, nonfuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate	None	None	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						compliance.			
10MSV261	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) *** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10MSV261	ЕР	R5121-6	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10MSV261	ЕР	R5121-7	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).			
10MSV261	EP	R5121-8	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) *** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10MSV261	EP	R5121-9	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) *** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10MSV261	EP	63FFFF-	112(B)	40 CFR Part 63,	§ 63.2460(a)	You must meet each	[G]§ 63.115(d)(2)(v)	§ 63.2450(f)(2)	§ 63.2450(f)(2)(ii)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
		SV261	HAPS	Subpart FFFF	\$ 63.11(b) \$ 63.2450(b) \$ 63.2460(a)-Table 2.1.c \$ 63.2460(c)(7) \$ 63.982(b) \$ 63.983(a)(1) \$ 63.983(a)(2) \$ 63.983(d)(1) \$ 63.983(d)(1) [G]§ 63.983(d)(2) \$ 63.983(d)(3) \$ 63.987(a) \$ 63.997(b)(1) \$ 63.997(c)(3)	emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	\$ 63.115(d)(3)(iii) [G]\$ 63.1257(d)(2)(i) [G]\$ 63.1257(d)(2)(i) § 63.2460(b)(1) § 63.2460(b)(2) § 63.2460(b)(3) [G]\$ 63.2460(b)(4) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3)(i) § 63.2460(c)(3)(i) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) § 63.983(b) [G]\$ 63.983(b)(1) [G]\$ 63.983(b)(2) [G]\$ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(1) § 63.983(d)(1) § 63.983(d)(1) § 63.987(c) § 63.997(b) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	\$ 63.2450(f)(2)(i) \$ 63.2450(f)(2)(ii) \$ 63.2460(b)(6)(i) \$ 63.2460(c)(3)(ii) \$ 63.2460(c)(6) \$ 63.2525(g) \$ 63.983(b) [G]\$ 63.998(a)(1)(ii) \$ 63.998(a)(1)(iii)(A) \$ 63.998(a)(1)(iii)(B) [G]\$ 63.998(b)(1) [G]\$ 63.998(b)(2) [G]\$ 63.998(b)(3) [G]\$ 63.998(b)(5) [G]\$ 63.998(d)(1) [G]\$ 63.998(d)(3)(i) \$ 63.998(d)(3)(i) \$ 63.998(d)(5)	§ 63.2450(q) § 63.2460(b)(6) § 63.2460(b)(6)(i) § 63.2460(b)(6)(ii) § 63.2460(c)(3)(i) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
10NGP	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).			
10RCT201A	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10RCT201A	EP	63G-12	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	\$ 63.114(e) [G]\$ 63.117(a)(5) \$ 63.118(f)(2) \$ 63.118(f)(5) [G]\$ 63.151(b) \$ 63.151(e) [G]\$ 63.151(e)(1) \$ 63.151(e)(2) \$ 63.151(e)(3) [G]\$ 63.151(j) [G]\$ 63.152(a) \$ 63.152(b) [G]\$ 63.152(b)(1)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10RCT222	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10RCT222	ЕР	63G-12	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) [G]§ 63.117(a)(5) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10RCT223	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10RCT223	EP	63G-12	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	\$ 63.114(e) [G]\$ 63.117(a)(5) \$ 63.117(f) \$ 63.118(f)(2) \$ 63.118(f)(5) [G]\$ 63.151(b) \$ 63.151(e) [G]\$ 63.151(e)(1) \$ 63.151(e)(2) \$ 63.151(e)(3) [G]\$ 63.151(j) [G]\$ 63.152(a) \$ 63.152(b) [G]\$ 63.152(b)(1)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10RSY201	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10RSY201	ЕР	63G-12	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) [G]§ 63.117(a)(5) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10RSY219-1	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10RSY219-1	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
10RSY219-2	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						§115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	** See CAM Summary		
10RSY219-2	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
10RSY219-3	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10RSY219-3	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder	The permit holder shall comply with the	The permit holder shall comply with the	The permit holder shall comply with the	The permit holder shall comply with the

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	applicable requirements of 40 CFR Part 63, Subpart YY	applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	applicable reporting requirements of 40 CFR Part 63, Subpart YY
10RSY219-4	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10RSY219-4	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
10SEP251	EU	R5131-2	VOC	30 TAC Chapter 115, Water Separation	§ 115.137(b)(3)	Any separator which separates materials having a true vapor pressure < 1.5 psia (10.3	[G]§ 115.135(b) § 115.136(b)(1) § 115.136(b)(3) § 115.136(b)(4)	§ 115.136(b)(1) § 115.136(b)(3) § 115.136(b)(4)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						kPa) obtained from any equipment is exempt from §115.132(b).			
10SEP252	EU	R5131-1	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(b)(3) § 115.131(b)	VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(b) of this title.	[G]§ 115.135(b) § 115.136(b)(2) § 115.136(b)(3) § 115.136(b)(4)	§ 115.136(b)(2) § 115.136(b)(3) § 115.136(b)(4)	None
10SEP303	EU	R5131-1	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(b)(3) § 115.131(b)	VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(b) of this title.	[G]§ 115.135(b) § 115.136(b)(2) § 115.136(b)(3) § 115.136(b)(4)	§ 115.136(b)(2) § 115.136(b)(3) § 115.136(b)(4)	None
10SEP303	EU	61FF-1	BENZENE	40 CFR Part 61, Subpart FF	\$ 61.347(a)(1) \$ 60.18 \$ 61.347(a)(1)(i)(A) \$ 61.347(a)(1)(i)(B) \$ 61.347(b) \$ 61.347(c) \$ 61.349(a) \$ 61.349(a)(1)(ii) \$ 61.349(a)(1)(iii) \$ 61.349(a)(1)(iv) \$ 61.349(b) \$ 61.349(e) \$ 61.349(f) \$ 61.349(g)	Install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the oil-water separator to a control device.	\$ 60.18(f)(2) \$ 61.347(a)(1)(i)(A) \$ 61.347(b) \$ 61.349(a)(1)(i) \$ 61.349(e) \$ 61.349(f) \$ 61.354(c) \$ 61.354(c) \$ 61.354(e) [G]§ 61.355(h)	\$ 61.354(c) \$ 61.354(c)(3) \$ 61.356(d) \$ 61.356(f) \$ 61.356(f)(1) \$ 61.356(g) \$ 61.356(j) \$ 61.356(j)(1) \$ 61.356(j)(2) \$ 61.356(j)(3) \$ 61.356(j)(7)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)
10SMP048	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation,	The permit holder shall comply with the applicable requirements of 40 CFR Part 63,	The permit holder shall comply with the applicable monitoring and testing	The permit holder shall comply with the applicable recordkeeping	The permit holder shall comply with the applicable reporting requirements of 40

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	Subpart YY	requirements of 40 CFR Part 63, Subpart YY	requirements of 40 CFR Part 63, Subpart YY	CFR Part 63, Subpart YY
10TFX006E	EU	R5112-1	voc	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117	§ 115.118(b)(4) § 115.118(b)(5)	None
10TFX006E	EU	61FF-4	BENZENE	40 CFR Part 61, Subpart FF	\$ 61.343(a)(1) \$ 60.18 \$ 61.343(a)(1)(i)(A) \$ 61.343(a)(1)(i)(B) \$ 61.343(d) \$ 61.349(a) \$ 61.349(a)(1)(ii) \$ 61.349(a)(1)(iii) \$ 61.349(a)(1)(iv) \$ 61.349(b) \$ 61.349(e) \$ 61.349(f) \$ 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 60.18(f)(2) § 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c) § 61.355(h)	§ 61.354(c) § 61.354(c)(3) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(g) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(7)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)
10TFX006E	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.11 § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) [G]§ 63.148(d)	The owner or operator who elects to use a closed vent system and control device (defined in § 63.111) to comply with§63.119(a)(1) or (a)(2) shall comply with §63.119(e)(1)-(5).	§ 63.120(e)(1) § 63.120(e)(4) § 63.120(e)(5) § 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h)	§ 63.123(a) [G]§ 63.123(f)(2) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5)	[G]§ 63.120(e)(2) § 63.122(c)(2) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) § 63.148(j) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.148(e)		§ 63.148(h)(2)	§ 63.148(i)(6) [G]§ 63.152(a)	[G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2) § 63.152(c)(2)(ii) [G]§ 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(4)(ii)
10TFX009	EU	R5112-4	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117	§ 115.118(b)(4) § 115.118(b)(5)	None
10TFX009	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
10TFX015	ЕР	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).			
10TFX018	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX021B	EU	R5112-6	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117	§ 115.118(b)(4) § 115.118(b)(5)	None
10TFX021B	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	\$ 63.119(e) \$ 63.11 \$ 63.119(a)(1) \$ 63.119(e)(1) \$ 63.119(e)(3) \$ 63.119(e)(4) \$ 63.119(e)(5)	The owner or operator who elects to use a closed vent system and control device (defined in § 63.111) to comply with§63.119(a)(1) or (a)(2) shall comply with	§ 63.120(e)(1) § 63.120(e)(4) § 63.120(e)(5) § 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2)	§ 63.123(a) [G]§ 63.123(f)(2) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4)	[G]§ 63.120(e)(2) § 63.122(c)(2) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) § 63.148(j) § 63.151(a)(7) [G]§ 63.151(b)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.148(d) § 63.148(e)	§63.119(e)(1)-(5).	§ 63.148(h) § 63.148(h)(2)	§ 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a)	[G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2) § 63.152(c)(2)(ii) [G]§ 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(4)(ii)
10TFX021C	EU	R5112-6	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117	§ 115.118(b)(4) § 115.118(b)(5)	None
10TFX021C	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.11 § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) [G]§ 63.148(d) § 63.148(e)	The owner or operator who elects to use a closed vent system and control device (defined in § 63.111) to comply with§63.119(a)(1) or (a)(2) shall comply with §63.119(e)(1)-(5).	§ 63.120(e)(1) § 63.120(e)(4) § 63.120(e)(5) § 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.123(a) [G]§ 63.123(f)(2) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a)	[G]§ 63.120(e)(2) § 63.122(c)(2) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(1)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
10TFX035A	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
10TFX037	EP	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a sixminute period. The emissions from this vent originate from colorless VOCs, nonfuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10TFX037	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
10TFX038	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
10TFX039	EU	61FF-4	BENZENE	40 CFR Part 61, Subpart FF	\$ 61.343(a)(1) \$ 60.18 \$ 61.343(a)(1)(i)(A) \$ 61.343(a)(1)(i)(B) \$ 61.343(d) \$ 61.349(a) \$ 61.349(a)(1)(ii) \$ 61.349(a)(1)(iii) \$ 61.349(a)(1)(iv) \$ 61.349(b) \$ 61.349(e) \$ 61.349(f) \$ 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 60.18(f)(2) § 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c) § 61.355(h)	§ 61.354(c) § 61.354(c)(3) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(g) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(7)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)
10TFX039	EU	63G-15	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(1)	A fixed roof shall be operated and maintained except that if the wastewater tank is	None	None	§ 63.146(b)(2) § 63.146(b)(5) [G]§ 63.151(b) § 63.151(e)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						used for specified purpose, then owner or operator shall comply with requirements of § 63.133(a)(2).			§ 63.151(e)(1) § 63.151(e)(2) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii)
10TFX047	EU	R5112-16	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(5)	None
10TFX047	EU	63G-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
10TFX067	ЕР	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
10TFX307	EP	R5121-3	VOC	30 TAC	§ 115.122(b)	For all persons in	[G]§ 115.125	§ 115.126	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Chapter 115, Vent Gas Controls	§ 115.121(b) § 115.122(b)(2) § 60.18	Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126(1) § 115.126(1)(C) § 115.126(2)	
10TFX324	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX324	EU	61FF-4	BENZENE	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 60.18 § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	\$ 60.18(f)(2) \$ 61.343(a)(1)(i)(A) \$ 61.343(c) \$ 61.349(a)(1)(i) \$ 61.349(a)(1)(ii) \$ 61.349(e) \$ 61.349(f) \$ 61.354(c) \$ 61.354(c)	§ 61.349(a)(1)(ii) § 61.354(c) § 61.354(c)(3) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(g) § 61.356(h) § 61.356(j)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)		§ 61.354(f)(1) [G]§ 61.355(h)	§ 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i) § 61.356(j)(7)	
10TFX340	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX341	ЕР	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX343	EP	R1111-1	PM	30 TAC	§ 111.111(a)(1)(B)	Visible emissions from	None	None	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			(OPACITY)	Chapter 111, Visible Emissions		any stationary vent shall not exceed an opacity of 20% averaged over a sixminute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, nonfuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
10TFX343	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10TFX344	EP	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a sixminute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, nonfuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
10TFX344	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						combustion devices).			
10TFX345	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) *** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
10TFX345	EU	61FF-4	BENZENE	40 CFR Part 61, Subpart FF	\$ 61.343(a)(1) \$ 60.18 \$ 61.343(a)(1)(i)(A) \$ 61.343(a)(1)(i)(B) \$ 61.343(c) \$ 61.343(d) \$ 61.349(a) \$ 61.349(a)(1)(ii) \$ 61.349(a)(1)(iii) \$ 61.349(a)(1)(iii) \$ 61.349(a)(1)(iv) \$ 61.349(a)(1)(iv) \$ 61.349(b) \$ 61.349(e) \$ 61.349(f) \$ 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 60.18(f)(2) § 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(f) § 61.354(c) § 61.354(c) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.354(c) § 61.354(c)(3) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(g) § 61.356(j) § 61.356(j)(2) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(j)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)
10TFX350	ЕР	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).			
10TFX350	EU	61FF-4	BENZENE	40 CFR Part 61, Subpart FF	\$ 61.343(a)(1) \$ 60.18 \$ 61.343(a)(1)(i)(A) \$ 61.343(a)(1)(i)(B) \$ 61.343(d) \$ 61.349(a) \$ 61.349(a)(1)(ii) \$ 61.349(a)(1)(ii) \$ 61.349(a)(1)(iii) \$ 61.349(a)(1)(iii) \$ 61.349(a)(1)(iv) \$ 61.349(b) \$ 61.349(b) \$ 61.349(f) \$ 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	\$ 60.18(f)(2) \$ 61.343(a)(1)(i)(A) \$ 61.343(c) \$ 61.349(a)(1)(i) \$ 61.349(a)(1)(ii) \$ 61.349(e) \$ 61.354(c) \$ 61.354(c) \$ 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.354(c) § 61.354(c)(3) § 61.356(d) § 61.356(f) § 61.356(f) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(2) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3) § 61.356(j)(7)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)
10TFX351	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						a dry basis corrected to 3.0% oxygen for combustion devices).			
10VNT001	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
10VNT002	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
10VNT003	EP	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six- minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non- fuming liquids, or other sources that are not	None	None	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
10VNT003	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
10WTU237	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
11SEP055A	EU	R5131-2	VOC	30 TAC Chapter 115, Water Separation	§ 115.137(b)(3)	Any separator which separates materials having a true vapor pressure < 1.5 psia (10.3 kPa) obtained from any	[G]§ 115.135(b) § 115.136(b)(1) § 115.136(b)(3) § 115.136(b)(4)	§ 115.136(b)(1) § 115.136(b)(3) § 115.136(b)(4)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						equipment is exempt from §115.132(b).			
11SEP055A	EU	63YY-1	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
11TFX036	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
11TFX047	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
11TFX055	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the	The permit holder shall comply with the applicable requirements	The permit holder shall comply with the applicable monitoring	The permit holder shall comply with the applicable	The permit holder shall comply with the applicable reporting

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	of 40 CFR Part 63, Subpart YY	and testing requirements of 40 CFR Part 63, Subpart YY	recordkeeping requirements of 40 CFR Part 63, Subpart YY	requirements of 40 CFR Part 63, Subpart YY
GRP10DIS01	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
GRP10DIS01	EP	63G-13	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	\$ 63.114(e) [G]§ 63.117(a)(5) \$ 63.118(f)(2) \$ 63.118(f)(4) \$ 63.118(f)(5) [G]§ 63.151(b) \$ 63.151(e) [G]§ 63.151(e)(1) \$ 63.151(e)(2) \$ 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) \$ 63.152(b) [G]§ 63.152(b)(1)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
GRP10DIS03	EP	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a sixminute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, nonfuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
GRP10DIS03	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						§115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	** See CAM Summary		
GRP10DIS03	EP	63G-13	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	\$ 63.114(e) [G]\$ 63.117(a)(5) \$ 63.117(f) \$ 63.118(f)(2) \$ 63.118(f)(5) [G]\$ 63.151(b) \$ 63.151(e) [G]\$ 63.151(e)(1) \$ 63.151(e)(2) \$ 63.151(e)(3) [G]\$ 63.152(a) \$ 63.152(b) [G]\$ 63.152(b) [G]\$ 63.152(b)(1) [G]\$ 63.152(c)(1) \$ 63.152(c)(2) \$ 63.152(c)(2) \$ 63.152(c)(2) \$ 63.152(c)(2)(ii) \$ 63.152(c)(2)(iii) \$ 63.152(c)(2)(iii) \$ 63.152(c)(4)(iii) [G]\$ 63.152(c)(4)(iii) [G]\$ 63.152(c)(6)
GRP10DIS04	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						§115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).			
GRP10DIS04	EP	63G-13	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) [G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(2) § 63.151(e)(3) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2) § 63.152(c)(2) § 63.152(c)(2) § 63.152(c)(2) § 63.152(c)(2) [G]§ 63.152(c)(2) [G]§ 63.152(c)(4)(ii) [G]§ 63.152(c)(4)(ii) [G]§ 63.152(c)(4)(ii)
GRP10DIS05	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						§115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	** See CAM Summary		
GRP10DIS05	EP	63G-13	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	\$ 63.114(e) [G]\$ 63.117(a)(5) \$ 63.118(f)(2) \$ 63.118(f)(4) \$ 63.118(f)(5) [G]\$ 63.151(b) \$ 63.151(e) [G]\$ 63.151(e)(1) \$ 63.151(e)(2) \$ 63.151(e)(3) [G]\$ 63.151(j) [G]\$ 63.152(a) \$ 63.152(b) [G]\$ 63.152(b) [G]\$ 63.152(b)(1) [G]\$ 63.152(c)(1) \$ 63.152(c)(2) \$ 63.152(c)(2) \$ 63.152(c)(2) \$ 63.152(c)(2)(ii) [G]\$ 63.152(c)(2)(iii) \$ 63.152(c)(4)(iii) [G]\$ 63.152(c)(4)(iii) [G]\$ 63.152(c)(6)
GRP10DIS06	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas	[G]§ 115.125 § 115.126(1) § 115.126(1)(C)	§ 115.126 § 115.126(1) § 115.126(1)(C)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Controls	§ 60.18	streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.126(2) ** See CAM Summary	§ 115.126(2)	
GRP10DIS06	EP	63G-13	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	\$ 63.114(e) [G]\$ 63.117(a)(5) \$ 63.118(f)(2) \$ 63.118(f)(2) \$ 63.118(f)(5) [G]\$ 63.151(b) \$ 63.151(e) [G]\$ 63.151(e)(2) \$ 63.151(e)(3) [G]\$ 63.151(e)(3) [G]\$ 63.152(a) \$ 63.152(b) [G]\$ 63.152(b) [G]\$ 63.152(b)(1) [G]\$ 63.152(c)(1) \$ 63.152(c)(2) \$ 63.152(c)(2) \$ 63.152(c)(2) \$ 63.152(c)(2)(i) [G]\$ 63.152(c)(2)(ii) \$ 63.152(c)(2)(iii) \$ 63.152(c)(4)(iii) [G]\$ 63.152(c)(4)(iii) [G]\$ 63.152(c)(6)
GRP10DIS16	EP	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of	None	None	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Emissions		20% averaged over a sixminute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, nonfuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
GRP10DIS16	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
GRP10DIS16	EP	R5121-5	VOC	30 TAC	§ 115.122(b)	For all persons in	[G]§ 115.125	§ 115.126	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Chapter 115, Vent Gas Controls	§ 115.121(b) § 115.122(b)(2) § 60.18	Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126(1) § 115.126(1)(C) § 115.126(2)	
GRP10DIS16	EP	R5121-8	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
GRP10DIS16	EP	R5121-9	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).			
GRP10DIS16	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
GRP10FLR01	EU	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.11(a).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
GRP10FLR01	CD	63A-1	112(B) HAPS	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
GRP10FLR01	CD	63A-2	112(B) HAPS	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2)	Flares shall be designed and operated with no visible emissions, except	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(i)(A) § 63.11(b)(6)(i)(B) § 63.11(b)(7)(i)	for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.			
GRP10LD001	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
GRP10LD001	EU	61BB-1	BENZENE	40 CFR Part 61, Subpart BB	§ 61.300(d)	Any affected facility as per § 61.300(a), whose annual benzene loading is < 1.3 million liters of 70 weight-percent or more benzene is exempt from this subpart, except for § 61.305(i).	None	[G]§ 61.305(i)	[G]§ 61.305(i)
GRP10LD003	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
GRP10LD005	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D)	Vapor pressure (at land- based operations). All land-based loading and	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215	§ 115.216 § 115.216(2) § 115.216(3)(B)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Unloading of VOC	§ 115.214(b)(1)(D)(i)	unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.215(4)		
GRP10LD006	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(1) § 115.212(b)(1)(A) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(ii) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(E) § 115.214(b)(1)(B) § 115.214(b)(1)(C) § 60.18	In Aransas, Bexar, Calhoun, Gregg, Matagorda, Nueces, San Patricio, Travis, and Victoria Counties, vapors caused by the loading of VOC with a TVP greater than or equal to 1.5 psia must be controlled using one of the methods specified in §115.212(b)(1)(A)-(C).	\$ 115.212(b)(3)(B) [G]\$ 115.212(b)(3)(C) \$ 115.214(b)(1)(A) \$ 115.214(b)(1)(A)(i) \$ 115.214(b)(1)(A)(ii) \$ 115.214(b)(1)(A)(iii) \$ 115.215 \$ 115.215(1) \$ 115.215(10) [G]\$ 115.215(2) [G]\$ 115.215(3) \$ 115.215(4) \$ 115.215(5) \$ 115.215(6) \$ 115.215(9) \$ 115.215(9) \$ 115.216(1) \$ 115.216(1)	§ 115.216 § 115.216(1) § 115.216(1)(B) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(A)(iiii) § 115.216(3)(B)	None
GRP10LD006	EU	61BB-1	BENZENE	40 CFR Part 61, Subpart BB	§ 61.300(d)	Any affected facility as per § 61.300(a), whose annual benzene loading is < 1.3 million liters of 70 weight-percent or more benzene is exempt from this subpart, except for § 61.305(i).	None	[G]§ 61.305(i)	[G]§ 61.305(i)
GRP10PV001	EP	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six- minute period for any	None	None	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, nonfuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
GRP10PV001	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
GRP10PV002	ЕР	R5121-3	VOC	30 TAC Chapter 115, Vent Gas	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas	[G]§ 115.125 § 115.126(1) § 115.126(1)(C)	§ 115.126 § 115.126(1) § 115.126(1)(C)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Controls		streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.126(2) ** See CAM Summary	§ 115.126(2)	
GRP10PV002	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	**See alternative requirement	None	None
GRP10PV003	EP	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a sixminute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, nonfuming liquids, or other sources that are not capable of obstructing the transmission of	None	None	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
GRP10PV003	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
GRP10PV004	EP	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six- minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non- fuming liquids, or other sources that are not	None	None	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
GRP10PV004	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
GRP10PV004	CD	61FF-4	BENZENE	40 CFR Part 61, Subpart FF	\$ 61.349(a) \$ 60.18 \$ 61.349(a)(1)(i) \$ 61.349(a)(1)(iii) \$ 61.349(a)(1)(iv) \$ 61.349(b) \$ 61.349(e) \$ 61.349(f) \$ 61.349(g) \$ 61.354(c)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device.	§ 60.18(f)(2) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(3) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(3) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2)(i)(D) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(7)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP10PV004	EU	63G-4	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.11 § 63.139(b) § 63.139(c)(3) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.145(j) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5).	§ 63.139(d)(3) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(g) [G]§ 63.145(j) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g) § 63.148(h) § 63.148(h)	§ 63.145(a)(3) [G]§ 63.145(a)(4) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.147(d)(1) § 63.148(g)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a)	\$ 63.146(b) \$ 63.146(b)(2) \$ 63.146(b)(5) \$ 63.146(b)(7) [G]§ 63.146(b)(7)(i) \$ 63.146(c) \$ 63.146(e) \$ 63.148(j) \$ 63.148(j)(1) [G]§ 63.151(b) \$ 63.151(e) \$ 63.151(e)(2) \$ 63.151(e)(2) \$ 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(b) [G]§ 63.152(b) [G]§ 63.152(c)(1) \$ 63.152(c)(1) \$ 63.152(c)(3) \$ 63.152(c)(3) \$ 63.152(c)(3)(i) \$ 63.152(c)(4)(ii) [G]§ 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
GRP10PV005	EP	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six- minute period. The emissions from this vent originate from colorless VOCs, non- fuming liquids, or other sources that are not capable of obstructing	None	None	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
GRP10PV005	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP10PV006	EP	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a sixminute period. The emissions from this vent originate from colorless VOCs, nonfuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring	None	None	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						is required to demonstrate compliance.			
GRP10PV006	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP10PV007	EP	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a sixminute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, nonfuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate	None	None	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						compliance.			
GRP10PV007	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP10RX001	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2) § 60.18	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
GRP10RX001	EP	63G-12	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare.§63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	\$ 63.114(e) [G]\$ 63.117(a)(5) \$ 63.117(f) \$ 63.118(f)(2) \$ 63.118(f)(5) [G]\$ 63.151(b) \$ 63.151(e) [G]\$ 63.151(e)(1) \$ 63.151(e)(2) \$ 63.151(e)(3) [G]\$ 63.151(j)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(4)(ii)
PRO-ADN	PRO	63F-1	112(B) HAPS	40 CFR Part 63, Subpart F	§ 63.100(b) [G]§ 63.102(a) [G]§ 63.102(c) § 63.104(a) [G]§ 63.104(d) § 63.104(e) § 63.104(e)(1) [G]§ 63.104(e)(2) § 63.105(d)	Except as provided in paragraphs (b)(4) and (c) of this section, the provisions of subparts F, G, and H apply to chemical manufacturing process units that meet the criteria.	§ 63.103(b)(1) § 63.103(b)(3) § 63.103(b)(4) [G]§ 63.103(b)(5) § 63.103(b)(6) [G]§ 63.104(b)	[G]§ 63.103(c) [G]§ 63.104(e)(2) [G]§ 63.104(f)(1) [G]§ 63.105(b) § 63.105(c) § 63.105(e)	§ 63.103(b)(2) [G]§ 63.103(b)(5) [G]§ 63.103(d) [G]§ 63.104(f)(2)

Additional Monitoring Requirements

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Unit/Group/Process	Information
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ID No.: 10DSY206

Control Device ID No.: 10FLR005 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121-3

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once

every 15 minutes when the vent from 10DSY206 is routed to Flare 10FLR005.

CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall be accurate to within manufacturer's recommendations. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications or other written procedures that provide an adequate assurance that the device is calibrated accurately.

Unit/Group/Process Information					
ID No.: 10DSY206					
Control Device ID No.: 15BLR003	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)				
Applicable Regulatory Requirement					
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-8				
Pollutant: VOC	Main Standard: § 115.122(b)				
Monitoring Information	Monitoring Information				
Indicator: Period of Operation					
Minimum Frequency: n/a					
Averaging Period: n/a					
Deviation Limit: Any period when any unit in 10DSY206 is routed to the steam generating unit, and the steam generating unit is not operating.					
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.					

Unit/Group/Process Information				
ID No.: 10DSY206				
Control Device ID No.: 15BLR004	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)			
Applicable Regulatory Requirement				
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-9			
Pollutant: VOC	Main Standard: § 115.122(b)			
Monitoring Information				
Indicator: Period of Operation				
Minimum Frequency: n/a				
Averaging Period: n/a				
Deviation Limit: Any period when any unit in 10DSY206 is routed to the steam generating unit, and the steam generating unit is not operating.				
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.				

ID No.: 10DSY226PV

Control Device ID No.: 10FLR005 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121-3

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Except for periods during which 10DSY226PV is shut down, lack of a pilot flame shall be reported as a deviation, or failure to record status of the pilot flame at least once every 15 minutes shall be reported as a deviation.

CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall be accurate to within manufacturer's recommendations. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications or other written procedures that provide an adequate assurance that the device is calibrated accurately.

Unit/	Group/	Process	Information
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ID No.: 10MSV260

Control Device ID No.: 10FLR005 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls SOP Index No.: R5121-1

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once

every 15 minutes when the vent from 10MSV260 is routed to Flare 10FLR005.

CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall be accurate to within manufacturer's recommendations. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications or other written procedures that provide an adequate assurance that the device is calibrated accurately.

Unit/Group/Process Information					
ID No.: 10MSV260					
Control Device ID No.: 15BLR001	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)				
Applicable Regulatory Requirement					
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-6				
Pollutant: VOC	Main Standard: § 115.122(b)				
Monitoring Information					
Indicator: Period of Operation					
Minimum Frequency: n/a	Minimum Frequency: n/a				
Averaging Period: n/a					
Deviation Limit: Any period when any unit in 10MSV260 is routed to the steam generating unit, and the steam generating unit is not operating.					
CAM Text: Monitor and record the periods of operation process heater. The records must be readily available to					

Unit/Group/Process Information					
ID No.: 10MSV260	ID No.: 10MSV260				
Control Device ID No.: 15BLR002	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)				
Applicable Regulatory Requirement					
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-7				
Pollutant: VOC	Main Standard: § 115.122(b)				
Monitoring Information					
Indicator: Period of Operation	Indicator: Period of Operation				
Minimum Frequency: n/a	Minimum Frequency: n/a				
Averaging Period: n/a					
Deviation Limit: Any period when any unit in 10MSV260 is routed to the steam generating unit, and the steam generating unit is not operating.					
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.					

Unit/Group/Process Information				
ID No.: 10MSV260				
Control Device ID No.: 15BLR003	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)			
Applicable Regulatory Requirement				
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-8			
Pollutant: VOC	Main Standard: § 115.122(b)			
Monitoring Information				
Indicator: Period of Operation				
Minimum Frequency: n/a				
Averaging Period: n/a				
Deviation Limit: Any period when any unit in 10MSV260 is routed to the steam generating unit, and the steam generating unit is not operating.				
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.				

Unit/Group/Process Information			
ID No.: 10MSV260			
Control Device ID No.: 15BLR004	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)		
Applicable Regulatory Requirement			
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-9		
Pollutant: VOC	Main Standard: § 115.122(b)		
Monitoring Information			
Indicator: Period of Operation			
Minimum Frequency: n/a			
Averaging Period: n/a			
Deviation Limit: Any period when any unit in $10 \text{MSV} 260$ is routed to the steam generating unit, and the steam generating unit is not operating.			
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.			

ID No.: 10MSV261

Control Device ID No.: 10FLR005 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls SOP Index No.: R5121-1

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once

every 15 minutes when the vent from 10MSV261 is routed to Flare 10FLR005.

Unit/Group/Process Information			
ID No.: 10MSV261			
Control Device ID No.: 15BLR001	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)		
Applicable Regulatory Requirement			
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-6		
Pollutant: VOC	Main Standard: § 115.122(b)		
Monitoring Information			
Indicator: Period of Operation			
Minimum Frequency: n/a			
Averaging Period: n/a			
Deviation Limit: Any period when any unit in 10MSV261 is routed to the steam generating unit, and the steam generating unit is not operating.			
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.			

Unit/Group/Process Information			
ID No.: 10MSV261			
Control Device ID No.: 15BLR002	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)		
Applicable Regulatory Requirement			
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-7		
Pollutant: VOC	Main Standard: § 115.122(b)		
Monitoring Information			
Indicator: Period of Operation			
Minimum Frequency: n/a			
Averaging Period: n/a			
Deviation Limit: Any period when any unit in $10 \text{MSV} 261$ is routed to the steam generating unit, and the steam generating unit is not operating.			
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.			

Unit/Group/Process Information			
ID No.: 10MSV261			
Control Device ID No.: 15BLR003	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)		
Applicable Regulatory Requirement			
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-8		
Pollutant: VOC	Main Standard: § 115.122(b)		
Monitoring Information			
Indicator: Period of Operation			
Minimum Frequency: n/a			
Averaging Period: n/a			
Deviation Limit: Any period when any unit in 10MSV261 is routed to the steam generating unit, and the steam generating unit is not operating.			
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.			

Unit/Group/Process Information			
ID No.: 10MSV261			
Control Device ID No.: 15BLR004	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)		
Applicable Regulatory Requirement			
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-9		
Pollutant: VOC	Main Standard: § 115.122(b)		
Monitoring Information			
Indicator: Period of Operation			
Minimum Frequency: n/a			
Averaging Period: n/a			
Deviation Limit: Any period when any unit in $10 \text{MSV} 261$ is routed to the steam generating unit, and the steam generating unit is not operating.			
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.			

U	nit/	Group,	Process	Inf	formation
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ID No.: 10NGP

Control Device ID No.: 10FLR005 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121-3

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once

every 15 minutes when the vent from 10NGP is routed to Flare 10FLR005.

Unit/Group/Process	Information
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ID No.: 10RSY219-1

Control Device ID No.: 10FLR001 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121-2

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Except for periods during which 10RSY219-1 is shut down, lack of a pilot flame shall be reported as a deviation, or failure to record status of the pilot flame at least once every 15 minutes shall be reported as a deviation.

Unit/Gro	oup/Process	Information
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ID No.: 10RSY219-2

Control Device ID No.: 10FLR002 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121-2

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Except for periods during which 10RSY219-2 is shut down, lack of a pilot flame shall be reported as a deviation, or failure to record status of the pilot flame at least once every 15 minutes shall be reported as a deviation.

Unit/Group/Process	Information
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ID No.: 10RSY219-3

Control Device ID No.: 10FLR003 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121-2

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Except for periods during which 10RSY219-3 is shut down, lack of a pilot flame shall be reported as a deviation, or failure to record status of the pilot flame at least once every 15 minutes shall be reported as a deviation.

Unit/Group/Process	Information
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ID No.: 10RSY219-4

Control Device ID No.: 10FLR003A Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121-2

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Except for periods during which 10RSY219-4 is shut down, lack of a pilot flame shall be reported as a deviation, or failure to record status of the pilot flame at least once every 15 minutes shall be reported as a deviation.

ID No.: 10TFX015

Control Device ID No.: 10FLR005 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121-2

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once

every 15 minutes when the vent from 10TFX15 is routed to Flare 10FLR005.

Unit/	Group/	Process	Inf	formation
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ID No.: 10TFX018

Control Device ID No.: 10FLR005 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121-2

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once

every 15 minutes when the vent from 10TFX018 is routed to Flare 10FLR005.

Unit/Group/Process	Information
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ID No.: 10TFX340

Control Device ID No.: 10FLR005 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121-2

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once

every 15 minutes when the vent from 10TFX340 is routed to Flare 10FLR005.

Unit/Group/Pro	ocess Information
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ID No.: 10TFX341

Control Device ID No.: 10FLR005 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121-2

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once

every 15 minutes when the vent from 10TFX341 is routed to Flare 10FLR005.

Unit/	Group/	Process	Inf	formation
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ID No.: 10TFX343

Control Device ID No.: 10FLR005 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121-2

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once

every 15 minutes when the vent from 10TFX343 is routed to Flare 10FLR005.

Unit/Group/Process	Information
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ID No.: 10TFX344

Control Device ID No.: 10FLR005 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121-2

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once

every 15 minutes when the vent from 10TFX344 is routed to Flare 10FLR005.

Unit/Group/Process	Information
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ID No.: 10TFX345

Control Device ID No.: 10FLR005 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121-2

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once

every 15 minutes when the vent from 10TFX345 is routed to Flare 10FLR005.

Unit/Group/Process	Information
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ID No.: 10TFX350

Control Device ID No.: 10FLR005 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls SOP Index No.: R5121-3

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Except for periods during which 10TFX350 is shut down, lack of a pilot flame shall be reported as a deviation, or failure to record status of the pilot flame at least once every 15 minutes shall be reported as a deviation.

Į	U nit /	Group/	Process	Information

ID No.: GRP10DIS01

Control Device ID No.: 10FLR005 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls SOP Index No.: R5121-3

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once

every 15 minutes when the vent from GRP10DIS01 is routed to Flare 10FLR005.

U	nit/	Group,	/Process	Information	n
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ID No.: GRP10DIS03

Control Device ID No.: 10FLR005 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121-3

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once

every 15 minutes when the vent from GRP10DIS03 is routed to Flare 10FLR005.

U	nit/	Group,	/Process	Information	n
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ID No.: GRP10DIS05

Control Device ID No.: 10FLR005 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121-2

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once

every 15 minutes when the vent from GRP10DIS05 is routed to Flare 10FLR005.

Unit/Group/Process Information

ID No.: GRP10DIS06

Control Device ID No.: 10FLR005 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls SOP Index No.: R5121-3

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once

every 15 minutes when the vent from GRP10DIS06 is routed to Flare 10FLR005.

ID No.: GRP10DIS16

Control Device ID No.: 10FLR005 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls | SOP Index No.: R5121-3

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once

every 15 minutes when the vent from GRP10DIS16 is routed to Flare 10FLR005.

U	nit/	Group,	/Process	Information	n
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ID No.: GRP10DIS16

Control Device ID No.: 10FLR004 Control Device Type: Flare

Applicable Regulatory Requirement

Name: 30 TAC Chapter 115, Vent Gas Controls SOP Index No.: R5121-5

Pollutant: VOC Main Standard: § 115.122(b)

Monitoring Information

Indicator: Pilot Flame

Minimum Frequency: Continuous

Averaging Period: n/a

Deviation Limit: Lack of pilot flame or failure to record status of pilot flame at least once

every 15 minutes when the vent from GRP10DIS16 is routed to Flare 10FLR004.

Unit/Group/Process Information				
ID No.: GRP10DIS16				
Control Device ID No.: 15BLR003	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)			
Applicable Regulatory Requirement				
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-8			
Pollutant: VOC	Main Standard: § 115.122(b)			
Monitoring Information				
Indicator: Period of Operation				
Minimum Frequency: n/a				
Averaging Period: n/a				
Deviation Limit: Any period when any unit in GRP10DIS16 is routed to the steam generating unit and the steam generating unit is not operating.				
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.				

Unit/Group/Process Information				
ID No.: GRP10DIS16				
Control Device ID No.: 15BLR004	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)			
Applicable Regulatory Requirement				
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-9			
Pollutant: VOC	Main Standard: § 115.122(b)			
Monitoring Information				
Indicator: Period of Operation				
Minimum Frequency: n/a				
Averaging Period: n/a				
Deviation Limit: Any period when any unit in GRP10DIS16 is routed to the steam generating unit and the steam generating unit is not operating.				
CAM Text: Monitor and record the periods of operation of the steam generating units or process heater. The records must be readily available for inspection.				

Unit/Group/Process Information				
ID No.: GRP10PV002				
Control Device ID No.: 10VNT255	Control Device Type: Wet Scrubber			
Applicable Regulatory Requirement				
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3			
Pollutant: VOC	Main Standard: § 115.122(b)			
Monitoring Information				
Indicator: Temperature and Flow Rate				
Minimum Frequency: Once per hour				

Averaging Period: Daily

Deviation Limit: Daily average scrubbing liquid temperature greater than 30 C during normal operation or 65 C during maintenance, startup and shutdown (MSS) activities, or daily average scrubbing liquid flow rate less than 16,000 lbs/hr, except for periods during which GRP10PV002 is shut down.

CAM Text: Measure and record the daily average scrubbing liquid temperature and the daily average scrubbing liquid flow rate. Maintain, calibrate and operate the monitoring instrumentation in accordance with manufacturer's specification or other written procedures. Any monitoring data indicating a daily average scrubbing liquid temperature greater than 30 C during normal operation or 65 C during maintenance, startup and shutdown (MSS) activities, or a daily average scrubbing liquid flow rate less than 16,000 pounds per hour, shall be considered and reported as a deviation, except for periods during which GRP10PV002 is shut down.

Periodic Monitoring Summary

Unit/Group/Process Information				
ID No.: 10TFX047				
Control Device ID No.: N/A Control Device Type: N/A				
Applicable Regulatory Requirement				
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-16			
Pollutant: VOC	Main Standard: § 115.112(b)(1)			
Monitoring Information				
Indicator: Structural Integrity of the Pipe				
Minimum Frequency: Emptied and degassed				
Averaging Period: n/a				
Deviation Limit: Repairs to fill pipe not completed prior to refilling the storage vessel.				

Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.

Periodic Monitoring Summary

Unit/Group/Process Information			
ID No.: 10TFX047			
Control Device ID No.: N/A	Control Device Type: N/A		
Applicable Regulatory Requirement			
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-16		
Pollutant: VOC	Main Standard: § 115.112(b)(1)		
Monitoring Information			
Indicator: Liquid Level			
Minimum Frequency: Once per day			
Averaging Period: n/a			
Deviation Limit: Liquid level below fill pipe level.			
Periodic Monitoring Text: Regardless of the location of the fill pipe, the fill pipe must be submerged at all times. Monitor and record the depth of the liquid using an automated/remote sounding device or liquid level sensing alarm/monitor. It shall be considered and reported as a deviation any time the liquid level falls below the fill pipe level.			

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
10CLT040	N/A	40 CFR Part 63, Subpart Q	Exempt since cooling tower was not in chromium service on or after 9/8/84.
10DIS227	N/A	30 TAC Chapter 115, Vent Gas Controls	Exempt since distillation column contains no VOC.
10DIS227	N/A	40 CFR Part 60, Subpart NNN	Exempt because the distillation unit does not use, contain or produce VOC.
10DIS227	N/A	40 CFR Part 63, Subpart F	Exempt since distillation column contains no listed chemicals.
10DIS243	N/A	40 CFR Part 60, Subpart NNN	Exempt since distillation unit is also subject to 40 CFR 63, Subpart G as a Group 1 process vent.
10DIS245	N/A	40 CFR Part 60, Subpart NNN	Exempt since the distillation unit vents in this group are controlled to the levels required in 63.113(a)(1).
10DSY206	N/A	40 CFR Part 60, Subpart NNN	Exempt since distillation unit is also subject to 40 CFR 63, Subpart YY for control of the process vent.
10DSY206	N/A	40 CFR Part 63, Subpart F	Exempt because the unit is not part of a chemical manufacturing process unit manufacturing a compound listed in Table 1 of Subpart F.
10DSY208	N/A	40 CFR Part 60, Subpart NNN	Exempt since the distillation unit vents in this group are controlled to the levels required in 63.113(a)(1).
10DSY215	N/A	40 CFR Part 60, Subpart NNN	Exempt since the distillation unit vent in this group are also subject to 40 CFR 63 Subpart G as Group 1 process vents.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
10DSY216	N/A	40 CFR Part 60, Subpart NNN	Exempt since the distillation unit vents in the group are controlled to the levels required in 63.113(a)(1).
10DSY217	N/A	40 CFR Part 60, Subpart NNN	Exempt since the distillation unit vents in this group are controlled to the levels required in 63.113(a)(1).
10DSY226PV	N/A	40 CFR Part 60, Subpart NNN	Exempt since distillation unit is a treatment process and therefore not part of a process unit that produces any of the chemicals listed in 60.667 as a product, coproduct, or intermediate.
10DSY230	N/A	40 CFR Part 60, Subpart NNN	Exempt since distillation unit is also subject to 40 CFR 63, Subpart G as a Group 1 process vent.
10FLR004	N/A	40 CFR Part 60, Subpart A	Exempt since this flare is not used to comply with applicable subparts of 40 CFR 60 & 61.
10FLR004A	N/A	40 CFR Part 60, Subpart A	Exempt since this flare is not used to comply with applicable subparts of 40 CFR 60 & 61.
10FLR004A	N/A	40 CFR Part 63, Subpart A	Flare is not required by an applicable regulation.
10FLR004B	N/A	40 CFR Part 60, Subpart A	Exempt since this flare is not used to comply with applicable subparts of 40 CFR 60 & 61.
10FLR004B	N/A	40 CFR Part 63, Subpart A	Flare is not required by an applicable regulation.
10FUG	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Exempt since Victoria is an ozone attainment county.
10FUG	N/A	40 CFR Part 61, Subpart J	The equipment fugitives in this process unit are required to comply with 40 CFR 63 Subpart H.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
10FUG	N/A	40 CFR Part 61, Subpart V	The equipment fugitives in this process unit are required to comply with 40 CFR 63 Subpart H.
10FUG2	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Exempt since Victoria is an ozone attainment county.
10FUG2	N/A	40 CFR Part 60, Subpart VV	The ADN facility was not constructed, reconstructed or modified after January 5, 1981 and on or before November 7, 2006.
10FUG2	N/A	40 CFR Part 61, Subpart J	The equipment fugitives in this process unit are required to comply with 40 CFR 63 Subpart H.
10FUG2	N/A	40 CFR Part 61, Subpart V	The equipment fugitives in this process unit are required to comply with 40 CFR 63 Subpart H.
10LBA061B	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Exempt since only loading of marine vessels is done at this unit.
10LBA061B	N/A	40 CFR Part 61, Subpart BB	Exempt since benzene loading is not done at this spot.
10LBA061B	N/A	40 CFR Part 63, Subpart F	Exempt since listed chemicals are present only as impurities and unit does not include a loading rack as defined in 63.101 since only barge loading is involved.
10LBA061B	N/A	40 CFR Part 63, Subpart Y	Exempt since vapor pressure of VOCs is < 1.5 psia.
10LBA061C	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Exempt since only unloading of marine vessels is done at this unit.
10LBA061C	N/A	40 CFR Part 61, Subpart BB	Exempt since benzene loading is not done at this spot.
10LBA061C	N/A	40 CFR Part 63, Subpart F	Exempt since only barge unloading is involved.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
10LBA061E	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Exempt since unloading spot contains no VOC
10LBA061E	N/A	40 CFR Part 61, Subpart BB	Exempt since benzene loading is not done at this spot.
10LBA061E	N/A	40 CFR Part 63, Subpart F	Exempt since no listed chemicals are present and barge unloading is involved.
10LTR037A	N/A	40 CFR Part 61, Subpart BB	Exempt since benzene loading is not done at this unit.
10LTR037A	N/A	40 CFR Part 63, Subpart F	Exempt since no loading is done at this facility and transfer rack is defined as loading only.
10LTR061E	N/A	40 CFR Part 61, Subpart BB	Exempt since benzene loading is not done at this unit.
10LTR061E	N/A	40 CFR Part 63, Subpart F	Exempt since this unit is not part of the HON CMPU.
10LTR061F	N/A	40 CFR Part 61, Subpart BB	Exempt since benzene loading is not done at this unit.
10LTR061F	N/A	40 CFR Part 63, Subpart F	Exempt since only unloading is done at this unit.
10LTR072	N/A	40 CFR Part 61, Subpart BB	Exempt since benzene loading is not done at this unit.
10LTR072	N/A	40 CFR Part 63, Subpart F	Exempt since no listed chemicals are present.
10LTR073	N/A	40 CFR Part 61, Subpart BB	Exempt since benzene loading is not done at this facility.
10MSV260	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10MSV260	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10MSV260	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
10MSV261	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10MSV261	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10MSV261	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10NGP	N/A	40 CFR Part 63, Subpart F	Exempt since the NGP does not manufacture any chemical listed in Table 1 of 40 CFR 63 Subpart F.
10RCT201A	N/A	40 CFR Part 60, Subpart RRR	Exempt since the reactor unit vent is controlled to the levels required in 63.113(a)(1).
10RCT202	N/A	30 TAC Chapter 115, Vent Gas Controls	The reactor does not have a vent because it runs liquid full.
10RCT202	N/A	40 CFR Part 60, Subpart RRR	The reactor does not have a vent because it runs liquid full.
10RCT202	N/A	40 CFR Part 63, Subpart F	A gas stream does not originate as a continuous flow from this reactor system.
10RCT221	N/A	30 TAC Chapter 115, Vent Gas Controls	The reactor does not have a vent because it runs liquid full.
10RCT221	N/A	40 CFR Part 60, Subpart RRR	The reactor does not have a vent because it runs liquid full.
10RCT221	N/A	40 CFR Part 63, Subpart F	A gas stream does not originate as a continuous flow from this reactor system
10RCT222	N/A	40 CFR Part 60, Subpart RRR	Exempt since the reactor unit vent is controlled to the levels required in 63.113(a)(1).

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
10RCT223	N/A	40 CFR Part 60, Subpart RRR	Exempt since the reactor unit vent is controlled to the levels required in 63.113(a)(1).
10RSY200	N/A	30 TAC Chapter 115, Vent Gas Controls	The reactor does not have a vent because it runs liquid full.
10RSY200	N/A	40 CFR Part 60, Subpart RRR	The reactor does not have a vent because it runs liquid full.
10RSY200	N/A	40 CFR Part 63, Subpart F	A gas stream does not originate as a continuous flow from this reactor system.
10RSY201	N/A	40 CFR Part 60, Subpart RRR	Exempt since the reactor unit vent is controlled to the levels required in 63.113(a)(1).
10RSY219-1	N/A	40 CFR Part 60, Subpart RRR	Exempt since reactor unit is not part of a process unit that produces any chemical listed in 60.707 as a product, co-product, by-product, or intermediate.
10RSY219-1	N/A	40 CFR Part 63, Subpart F	Exempt because the unit is not part of a chemical manufacturing process unit manufacturing a compound listed in Table 1 of Subpart F.
10RSY219-2	N/A	40 CFR Part 60, Subpart RRR	Exempt since reactor unit is not part of a process unit that produces any chemical listed in 60.707 as a product, co-product, by-product, or intermediate.
10RSY219-2	N/A	40 CFR Part 63, Subpart F	Exempt because the unit is not part of a chemical manufacturing process unit manufacturing a compound listed in Table 1 of Subpart F.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
10RSY219-3	N/A	40 CFR Part 60, Subpart RRR	Exempt since reactor unit is not part of a process unit that produces any chemical listed in 60.707 as a product, co-product, by-product, or intermediate.
10RSY219-3	N/A	40 CFR Part 63, Subpart F	Exempt because the unit is not part of a chemical manufacturing process unit manufacturing a compound listed in Table 1 of Subpart F.
10RSY219-4	N/A	40 CFR Part 60, Subpart RRR	Exempt since reactor unit is not part of a process unit that produces any chemical listed in 60.707 as a product, co-product, by-product, or intermediate.
10RSY219-4	N/A	40 CFR Part 63, Subpart F	Exempt because the unit is not part of a chemical manufacturing process unit manufacturing a compound listed in Table 1 of Subpart F.
10RSY220	N/A	30 TAC Chapter 115, Vent Gas Controls	The reactor does not have a vent because it runs liquid full.
10RSY220	N/A	40 CFR Part 60, Subpart RRR	The reactor does not have a vent because it runs liquid full.
10RSY220	N/A	40 CFR Part 63, Subpart F	A gas stream does not originate as a continuous flow from this reactor system because it runs liquid full.
10SEP251	N/A	40 CFR Part 61, Subpart FF	Exempt since unit does not contain a benzene waste.
10SEP251	N/A	40 CFR Part 63, Subpart F	Exempt since this is a process vent (the point of determination is downstream from this unit) and the process vent from this unit is not a vent from an air oxidation reactor, distillation unit, or reactor.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
10SEP252	N/A	40 CFR Part 63, Subpart F	Exempt since this is a process vent (the point of determination is downstream from this unit) and the process vent from this unit is not a vent from an air oxidation reactor, distillation unit, or reactor.
10SMP048	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is <1.5 psia and the tank is not an external floating roof tank.
10SMP048	N/A	40 CFR Part 60, Subpart Kb	Exempt since non-petroleum liquid storage tank was constructed prior to 7/23/84.
10SMP048	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10SMP048	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10SMP048	N/A	40 CFR Part 63, Subpart F	Exempt since sump contains no listed chemicals.
10TFX006E	N/A	40 CFR Part 60, Subpart Kb	Exempt since non-petroleum liquid storage tank was constructed prior to 7/23/84.
10TFX006E	N/A	40 CFR Part 61, Subpart Y	Exempt since tank is not storing benzene having a specific gravity within the range of specific gravities in any of the listed ASTM specifications.
10TFX009	N/A	40 CFR Part 60, Subpart Kb	Exempt since tank capacity is < 75m3 (19,800 gallons).
10TFX009	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX009	N/A	40 CFR Part 61, Subpart Y	Exempt since benzene stored does not have specific gravity within the specified range.
10TFX015	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
10TFX015	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX015	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX018	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX018	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX018	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX035A	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tank is not an external floating roof tank.
10TFX035A	N/A	40 CFR Part 60, Subpart Kb	Exempt since non-petroleum liquid storage tank was constructed prior to 7/23/84.
10TFX035A	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX035A	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX037	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not a distillation unit.
10TFX037	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor.
10TFX037	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX038	N/A	40 CFR Part 60, Subpart Kb	Exempt since tank capacity is < 151 m3 and the liquid stored has a maximum true vapor capacity < 15.0 kPa.
10TFX039	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is <1.5 psia and the tank is not an external floating roof tank.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
10TFX039	N/A	40 CFR Part 60, Subpart Kb	Exempt since tank capacity is < 75 m3 (19,800 gallons).
10TFX039	N/A	40 CFR Part 61, Subpart Y	Exempt since tank is not storing benzene having a specific gravity within the range of specific gravities in any of the listed ASTM specifications.
10TFX042	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is <1.5 psia and the tanks are not external floating roof tanks.
10TFX042	N/A	40 CFR Part 60, Subpart Kb	Exempt since non-petroleum liquid storage tanks were constructed prior to 7/23/84.
10TFX042	N/A	40 CFR Part 61, Subpart FF	Exempt since tanks do not contain a benzene waste.
10TFX042	N/A	40 CFR Part 61, Subpart Y	Exempt since these are not benzene storage tanks.
10TFX042	N/A	40 CFR Part 63, Subpart F	Exempt since tanks store organic liquids that contain organic hazardous air pollutants only as impurities.
10TFX047	N/A	40 CFR Part 60, Subpart Kb	Exempt since non-petroleum liquid storage tank was constructed prior to 7/23/84.
10TFX047	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX057	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tank is not an external floating roof tank.
10TFX057	N/A	40 CFR Part 61, Subpart Y	Exempt since tank is not storing benzene having a specific gravity within the range of specific gravities in any of the listed ASTM specifications.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
10TFX059	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tank is not an external floating roof tank.
10TFX059	N/A	40 CFR Part 60, Subpart Kb	Exempt since tank capacity is greater than 151 m3 and maximum true vapor pressure is less than 3.5 kPa.
10TFX059	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX059	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX059	N/A	40 CFR Part 63, Subpart F	Exempt since tank stores organic liquids that contain organic hazardous air pollutants only as impurities.
10TFX060	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tank is not an external floating roof tank.
10TFX060	N/A	40 CFR Part 60, Subpart Kb	Exempt since non-petroleum liquid storage tank was constructed prior to 7/23/84.
10TFX060	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX060	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX060	N/A	40 CFR Part 63, Subpart G	Exempt since tank contains no listed chemicals other than possibly as impurities.
10TFX060	N/A	40 CFR Part 63, Subpart YY	Exempt since tank does not contain refined HCN.
10TFX067	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX067	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
10TFX067	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX068	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since tank capacity is < 1000 gallons.
10TFX068	N/A	40 CFR Part 60, Subpart Kb	Exempt since tank capacity is < 75 m3 (19,800 gallons).
10TFX068	N/A	40 CFR Part 61, Subpart FF	Exempt since tank does not contain a benzene waste.
10TFX068	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
10TFX068	N/A	40 CFR Part 63, Subpart F	Exempt since tank capacity is less than 38 m3.
10TFX307	N/A	40 CFR Part 60, Subpart NNN	Exempt since these vent streams are not from a distillation unit.
10TFX307	N/A	40 CFR Part 60, Subpart RRR	Exempt since these vent streams are not from a reactor process.
10TFX307	N/A	40 CFR Part 63, Subpart F	Exempt since the process vents from these units are not vents from an air oxidation reactor, distillation unit, or reactor.
10TFX324	N/A	40 CFR Part 60, Subpart NNN	Exempt since these vent streams are not from a distillation unit.
10TFX324	N/A	40 CFR Part 60, Subpart RRR	Exempt since these vent streams are not from a reactor process.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
10TFX324	N/A	40 CFR Part 63, Subpart F	Exempt since the process vents from these units are not vents from an air oxidation reactor, distillation unit, or reactor.
10TFX340	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX340	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX340	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX341	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX341	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX341	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX343	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX343	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX343	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX344	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX344	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX344	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX345	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
10TFX345	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX345	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10TFX350	N/A	40 CFR Part 60, Subpart NNN	Exempt since these vent streams are not from a distillation unit.
10TFX350	N/A	40 CFR Part 60, Subpart RRR	Exempt since these vent streams are not from a reactor process.
10TFX350	N/A	40 CFR Part 63, Subpart F	Exempt since the process vents from these units are not vents from an air oxidation reactor, distillation unit, or reactor.
10TFX351	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10TFX351	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10TFX351	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10VNT001	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10VNT001	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
10VNT001	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
10VNT002	N/A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
10VNT002	N/A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
10VNT002	N/A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
11ODP055B	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since container capacity is < 1000 gallons.
11ODP055B	N/A	40 CFR Part 60, Subpart Kb	Exempt since container capacity is < 75 m3 (19,800 gallons).
11ODP055B	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
11ODP055B	N/A	40 CFR Part 63, Subpart F	Exempt since container does not receive wastewater or residuals subject to 40 CFR 63, Subpart F. Also exempt because vessel capacity is less than 38 m3.
11SEP055A	N/A	40 CFR Part 63, Subpart F	Exempt since unit does not receive wastewater or residuals subject to 40 CFR 63, Subpart F.
11TFX036	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is <1.5 psia and the tank is not an external floating roof tank.
11TFX036	N/A	40 CFR Part 60, Subpart Kb	Exempt since maximum true vapor pressure of material stored is < 0.5 psia.
11TFX036	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
11TFX047	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is <1.5 psia and the tank is not an external floating roof tank.
11TFX047	N/A	40 CFR Part 60, Subpart Kb	Exempt since non-petroleum liquid storage tank was constructed prior to 7/23/84.
11TFX047	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
11TFX048	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is <1.5 psia and the tank is not an external floating roof tank.
11TFX048	N/A	40 CFR Part 60, Subpart Kb	Exempt since non-petroleum liquid storage tank was constructed prior to 7/23/84.
11TFX048	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
11TFX055	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 pisa and the tank is not an external floating roof tank.
11TFX055	N/A	40 CFR Part 60, Subpart Kb	Exempt since tank capacity is < 75 m3 (19,800 gallons).
11TFX055	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
11TFX064	N/A	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tank is not an external floating roof tank.
11TFX064	N/A	40 CFR Part 61, Subpart Y	Exempt since this is not a benzene storage tank.
GRP10DIS01	10DIS039A, 10DSY211, 10DSY212	40 CFR Part 60, Subpart NNN	Exempt since the distillation unit vent in this group are also subject to 40 CFR 63 Subpart G as Group 1 process vents.
GRP10DIS03	10DIS244A, 10DIS244	40 CFR Part 60, Subpart NNN	Exempt since the distillation unit vents in this group are controlled to the levels required in 63.113(a)(1).
GRP10DIS04	10DIS240, 10DIS242	40 CFR Part 60, Subpart NNN	Exempt since the distillation unit vents in this group are controlled to the levels required in 63.113(a)(1).
GRP10DIS05	10DIS241, 10DIS241A	40 CFR Part 60, Subpart NNN	Exempt since the distillation unit vents in this group are controlled to the levels required in 63.113(a)(1).

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRP10DIS06	10DIS205, 10DIS218, 10DSY203, 10DSY207	40 CFR Part 60, Subpart NNN	Exempt since the distillation unit vent in this group are also subject to 40 CFR 63 Subpart G as Group 1 process vents.
GRP10DIS16	10DSY213, 10DSY214	40 CFR Part 60, Subpart NNN	Exempt since distillation unit is also subject to 40 CFR 63 Subpart YY for control of the process vent.
GRP10DIS16	10DSY213, 10DSY214	40 CFR Part 63, Subpart F	Exempt because gas streams are transferred for use or reuse.
GRP10FLR01	10FLR001, 10FLR002, 10FLR003, 10FLR003A	40 CFR Part 60, Subpart A	Exempt since these flares are not used to comply with applicable subparts of 40 CFR 60 & 61.
GRP10FLT23	10FLT063, 10FLT063A	40 CFR Part 63, Subpart F	Exempt since no listed chemicals are present.
GRP10LD001	10LRC041F, 10LTR056E, 10LTR061B, 10LTR061M, 10LTR061N	40 CFR Part 63, Subpart F	Exempt since transferred liquids contain organic HAPs only as impurities.
GRP10LD003	10LRC041D, 10LRC041G, 10LRC060, 10LTR056D, 10LTR057, 10LTR061K, 10LTR061O, 10LTR062D, 10LTR062E, 10LTR062F, 10LTR074	40 CFR Part 61, Subpart BB	Exempt since benzene loading is not done at this unit.
GRP10LD003	10LRC041D, 10LRC041G, 10LRC060, 10LTR056D, 10LTR057, 10LTR061K, 10LTR061O, 10LTR062D, 10LTR062E, 10LTR062F, 10LTR074	40 CFR Part 63, Subpart F	Exempt since no loading is done at this facility and transfer rack is defined as loading only.
GRP10LD005	10LRC041A, 10LRC041B, 10LRC041C, 10LRC041E, 10LTR036, 10LTR061G, 10LTR061I	40 CFR Part 61, Subpart BB	Exempt since benzene loading is not done at this unit.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRP10LD005	10LRC041A, 10LRC041B, 10LRC041C, 10LRC041E, 10LTR036, 10LTR061G, 10LTR061I	40 CFR Part 63, Subpart F	Exempt since transferred liquids contain organic HAPs only as impurities.
GRP10LD006	10LTR056F, 10LTR061C	40 CFR Part 63, Subpart F	Exempt since transferred liquids contain organic HAPs only as impurities.
GRP10PV001	10TFX011, 10TFX015A, 10TFX019, 10TFX020, 10TFX020A, 10TFX022, 10TFX026, 10TFX026A, 10TFX043, 10TFX044, 10TFX309, 10TFX312, 10TFX313, 10TFX314, 10TFX315, 10TFX316, 10TFX319, 10TFX320, 10TFX321, 10TFX322, 10TFX323, 10TFX334, 10TFX336, 10TFX342	40 CFR Part 60, Subpart NNN	Exempt since these vent streams are not from a distillation unit.
GRP10PV001	10TFX011, 10TFX015A, 10TFX019, 10TFX020, 10TFX020A, 10TFX022, 10TFX026, 10TFX026A, 10TFX043, 10TFX044, 10TFX309, 10TFX312, 10TFX313, 10TFX314, 10TFX315, 10TFX316, 10TFX319, 10TFX320, 10TFX321, 10TFX322, 10TFX323, 10TFX334, 10TFX336, 10TFX342	40 CFR Part 60, Subpart RRR	Exempt since these vent streams are not from a reactor process.
GRP10PV001	10TFX011, 10TFX015A, 10TFX019, 10TFX020, 10TFX020A, 10TFX022, 10TFX026, 10TFX026A, 10TFX043, 10TFX044, 10TFX309, 10TFX312, 10TFX313, 10TFX314, 10TFX315, 10TFX316, 10TFX319, 10TFX320,	40 CFR Part 63, Subpart F	Exempt since the process vents from these units are not vents from an air oxidation reactor, distillation unit, or reactor.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
	10TFX321, 10TFX322, 10TFX323, 10TFX334, 10TFX336, 10TFX342		
GRP10PV002	10TFX305, 10TFX306	40 CFR Part 60, Subpart NNN	Exempt since these vent streams are not from a distillation unit.
GRP10PV002	10TFX305, 10TFX306	40 CFR Part 60, Subpart RRR	Exempt since these vent streams are not from a reactor process.
GRP10PV002	10TFX305, 10TFX306	40 CFR Part 63, Subpart F	Exempt since the process vents from these units are not vents from an air oxidation reactor, distillation unit, or reactor.
GRP10PV003	10TFX006A, 10TFX006B, 10TFX006C, 10TFX006D, 10TFX006F, 10TFX008, 10TFX021, 10TFX053, 10TFX335, 10TFX338, 10TFX339, 10XTR333, 10XTR333A	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
GRP10PV003	10TFX006A, 10TFX006B, 10TFX006C, 10TFX006D, 10TFX006F, 10TFX008, 10TFX021, 10TFX053, 10TFX335, 10TFX338, 10TFX339, 10XTR333, 10XTR333A	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
GRP10PV003	10TFX006A, 10TFX006B, 10TFX006C, 10TFX006D, 10TFX006F, 10TFX008, 10TFX021, 10TFX053, 10TFX335, 10TFX338, 10TFX339, 10XTR333, 10XTR333A	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRP10PV004	10TFX300, 10TFX301, 10TFX302, 10TFX328, 10TFX329, 10TFX330, 10TFX352, 10TFX353	40 CFR Part 60, Subpart NNN	Exempt since these vent streams are not from a distillation unit.
GRP10PV004	10TFX300, 10TFX301, 10TFX302, 10TFX328, 10TFX329, 10TFX330, 10TFX352, 10TFX353	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
GRP10PV004	10TFX300, 10TFX301, 10TFX302, 10TFX328, 10TFX329, 10TFX330, 10TFX352, 10TFX353	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
GRP10PV005	10TFX033, 10TFX034A, 10TFX034B	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
GRP10PV005	10TFX033, 10TFX034A, 10TFX034B	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
GRP10PV005	10TFX033, 10TFX034A, 10TFX034B	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
GRP10PV006	10RPF001, 10RPF002	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
GRP10PV006	10RPF001, 10RPF002	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
GRP10PV006	10RPF001, 10RPF002	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.
GRP10PV007	10TFX049A, 10TFX049B, 10TFX049C	40 CFR Part 60, Subpart NNN	Vent stream is not from a distillation unit.
GRP10PV007	10TFX049A, 10TFX049B, 10TFX049C	40 CFR Part 60, Subpart RRR	Vent stream is not from a reactor process.
GRP10PV007	10TFX049A, 10TFX049B, 10TFX049C	40 CFR Part 63, Subpart F	Vent stream is not from an air oxidation reactor, distillation unit, or reactor.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRP10RX001	10RCT228, 10RCT229	40 CFR Part 60, Subpart RRR	Exempt since reactor units in this group are also subject to 40 CFR 63 Subpart G as Group 1 process vents.
GRP10TK013	11TFX053, 11TFX070, 11TFX076, 11TFX077, 11TFX153	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tanks are not external floating roof tanks.
GRP10TK013	11TFX053, 11TFX070, 11TFX076, 11TFX077, 11TFX153	40 CFR Part 60, Subpart Kb	Exempt since tank capacity is < 75 m3 (19,800 gallons).
GRP10TK013	11TFX053, 11TFX070, 11TFX076, 11TFX077, 11TFX153	40 CFR Part 61, Subpart Y	Exempt since these are not benzene storage tanks.
GRP10TK014	10TFX326, 10TFX327	30 TAC Chapter 115, Storage of VOCs	Exempt since tank capacities are < 1000 gallons.
GRP10TK014	10TFX326, 10TFX327	40 CFR Part 60, Subpart Kb	Exempt since non-petroleum liquid storage tanks were constructed prior to 7/23/84.
GRP10TK014	10TFX326, 10TFX327	40 CFR Part 61, Subpart FF	Exempt since tanks do not contain a benzene waste.
GRP10TK014	10TFX326, 10TFX327	40 CFR Part 61, Subpart Y	Exempt since these are not benzene storage tanks.
GRP10TK014	10TFX326, 10TFX327	40 CFR Part 63, Subpart F	Exempt since tank capacities are less than 38 m3.
GRP10TK032	10TFX071, 10TFX072	30 TAC Chapter 115, Storage of VOCs	Exempt since tank capacities are < 1000 gallons.
GRP10TK032	10TFX071, 10TFX072	40 CFR Part 60, Subpart Kb	Exempt since tank capacities are < 75 m3 (19,800 gallons).
GRP10TK032	10TFX071, 10TFX072	40 CFR Part 61, Subpart FF	Exempt since tanks do not contain a benzene waste.
GRP10TK032	10TFX071, 10TFX072	40 CFR Part 61, Subpart Y	Exempt since these are not benzene storage tanks.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRP10TK032	10TFX071, 10TFX072	40 CFR Part 63, Subpart F	Exempt since tank capacities are less than 38 m3.
GRP10TK033	10TFX085, 10TFX086	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tanks are not external floating roof tanks.
GRP10TK033	10TFX085, 10TFX086	40 CFR Part 60, Subpart Kb	Exempt since tank capacity is < 75 m3 (19800 gal).
GRP10TK033	10TFX085, 10TFX086	40 CFR Part 61, Subpart FF	Exempt since tanks do not contain a benzene waste.
GRP10TK033	10TFX085, 10TFX086	40 CFR Part 61, Subpart Y	Exempt since these are not benzene storage tanks.
GRP10TK033	10TFX085, 10TFX086	40 CFR Part 63, Subpart F	Exempt since tank capacity is < 38 m3.
GRP10TK035	10TFX032B, 10TFX036	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is <1.5 psia and the tanks are not external floating roof tanks.
GRP10TK035	10TFX032B, 10TFX036	40 CFR Part 60, Subpart Kb	Exempt since non-petroleum liquid storage tanks were constructed prior to 7/23/84.
GRP10TK035	10TFX032B, 10TFX036	40 CFR Part 61, Subpart FF	Exempt since tanks do not contain a benzene waste.
GRP10TK035	10TFX032B, 10TFX036	40 CFR Part 61, Subpart Y	Exempt since these are not benzene storage tanks.
GRP10TK035	10TFX032B, 10TFX036	40 CFR Part 63, Subpart F	Exempt since tanks in this group are not part of or associated with the HON chemical manufacturing process unit.
GRP10TK036	10TFX010, 10TFX012, 10TFX013, 10TFX016, 10TFX017, 10TFX024, 10TFX027, 10TFX028, 10TFX029, 10TFX030, 10TFX031, 10TFX032, 10TFX036A, 10TFX037A, 10TFX045, 10TFX046, 10TFX080	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tanks are not external floating roof tanks.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRP10TK036	10TFX010, 10TFX012, 10TFX013, 10TFX016, 10TFX017, 10TFX024, 10TFX027, 10TFX028, 10TFX029, 10TFX030, 10TFX031, 10TFX032, 10TFX036A, 10TFX037A, 10TFX045, 10TFX046, 10TFX080	40 CFR Part 60, Subpart Kb	Exempt since non-petroleum liquid storage tank was constructed prior to 7/23/84.
GRP10TK036	10TFX010, 10TFX012, 10TFX013, 10TFX016, 10TFX017, 10TFX024, 10TFX027, 10TFX028, 10TFX029, 10TFX030, 10TFX031, 10TFX032, 10TFX036A, 10TFX037A, 10TFX045, 10TFX046, 10TFX080	40 CFR Part 61, Subpart FF	Exempt since tanks do not contain a benzene waste.
GRP10TK036	10TFX010, 10TFX012, 10TFX013, 10TFX016, 10TFX017, 10TFX024, 10TFX027, 10TFX028, 10TFX029, 10TFX030, 10TFX031, 10TFX032, 10TFX036A, 10TFX037A, 10TFX045, 10TFX046, 10TFX080	40 CFR Part 61, Subpart Y	Exempt since these are not benzene storage tanks.
GRP10TK036	10TFX010, 10TFX012, 10TFX013, 10TFX016, 10TFX017, 10TFX024, 10TFX027, 10TFX028, 10TFX029, 10TFX030, 10TFX031, 10TFX032, 10TFX036A, 10TFX037A, 10TFX045, 10TFX046, 10TFX080	40 CFR Part 63, Subpart F	Exempt since tanks in this group contain HAPs only as impurities.
GRP10TK037	10TFX025A, 10TFX025B	30 TAC Chapter 115, Storage of VOCs	Exempt since vapor pressure of VOCs is < 1.5 psia and the tanks are not external floating roof tanks.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRP10TK037	10TFX025A, 10TFX025B	40 CFR Part 60, Subpart Kb	Exempt since non-petroleum liquid storage tank was constructed prior to 7/23/84.
GRP10TK037	10TFX025A, 10TFX025B	40 CFR Part 61, Subpart FF	Exempt since tanks do not contain a benzene waste.
GRP10TK037	10TFX025A, 10TFX025B	40 CFR Part 61, Subpart Y	Exempt since these are not benzene storage tanks.
GRP10TK037	10TFX025A, 10TFX025B	40 CFR Part 63, Subpart F	Exempt since tanks in this group contain HAPs only as impurities.

New Source Review Authorization References by Emission Unit......200

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Prevention of Significant Deterioration (PSD) Permits			
PSD Permit No.: PSDTX1079M1	Issuance Date: 12/30/2016		
PSD Permit No.: GHGPSDTX145	Issuance Date: 12/30/2016		
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.			
Authorization No.: 7186	Issuance Date: 12/30/2016		
Permits By Rule (30 TAC Chapter 106) for	the Application Area		
Number: 106.183	Version No./Date: 09/04/2000		
Number: 106.261	Version No./Date: 11/01/2003		
Number: 106.262	Version No./Date: 11/01/2003		
Number: 106.263	Version No./Date: 11/01/2001		
Number: 106.371	Version No./Date: 09/04/2000		
Number: 106.373	Version No./Date: 09/04/2000		
Number: 106.454	Version No./Date: 11/01/2001		
Number: 106.472	Version No./Date: 03/14/1997		
Number: 106.472	Version No./Date: 09/04/2000		
Number: 106.478	Version No./Date: 09/04/2000		
Number: 106.492	Version No./Date: 09/04/2000		
Number: 106.511	Version No./Date: 09/04/2000		

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
10CLT040	COOLING TOWER	7186, GHGPSDTX145, PSDTX1079M1
10DIS039A	BORON RECOVERY COLUMN	7186, GHGPSDTX145, PSDTX1079M1
10DIS205	STEP 1 BD COLUMN	7186, GHGPSDTX145, PSDTX1079M1
10DIS218	SI PN FLASHER	7186, GHGPSDTX145, PSDTX1079M1
10DIS227	NH3 BLOWDOWN VAPORIZER	7186, GHGPSDTX145, PSDTX1079M1
10DIS240	WATER REMOVAL COLUMN	7186, GHGPSDTX145, PSDTX1079M1
10DIS241	3PN COLUMN	7186, GHGPSDTX145, PSDTX1079M1
10DIS241A	3PN COLUMN #2	7186, GHGPSDTX145, PSDTX1079M1
10DIS242	CRC COLUMN	7186, GHGPSDTX145, PSDTX1079M1
10DIS243	2PN COLUMN	7186, GHGPSDTX145, PSDTX1079M1
10DIS244A	STEP II PN FLASHER #2	7186, GHGPSDTX145, PSDTX1079M1
10DIS244	STEP II PN FLASHER	7186, GHGPSDTX145, PSDTX1079M1
10DIS245	RECYCLE "L" COLUMN SYSTEM	7186, GHGPSDTX145, PSDTX1079M1
10DSY203	SI PURGE CONC. COLUMN SYS.	7186, GHGPSDTX145, PSDTX1079M1
10DSY206	HCN RECOVERY SYSTEM	7186, GHGPSDTX145, PSDTX1079M1
10DSY207	ISOM. FLASHER SYSTEM	7186, GHGPSDTX145, PSDTX1079M1
10DSY208	SII CYANE RECOVERY SYSTEM	7186, GHGPSDTX145, PSDTX1079M1
10DSY211	REFINED ADN COLUMN	7186, GHGPSDTX145, PSDTX1079M1
10DSY212	REFINED ADN COLUMN	7186, GHGPSDTX145, PSDTX1079M1

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
10DSY213	NH3 STRIPPER COLUMN	7186, GHGPSDTX145, PSDTX1079M1
10DSY214	NH3 ENRICHER COLUMN	7186, GHGPSDTX145, PSDTX1079M1
10DSY215	SI LOW BOILER COLUMN	7186, GHGPSDTX145, PSDTX1079M1
10DSY216	SI 2M3 COLUMN	7186, GHGPSDTX145, PSDTX1079M1
10DSY217	WFE SYSTEM	7186, GHGPSDTX145, PSDTX1079M1
10DSY226	NSC SYSTEM	7186, GHGPSDTX145, PSDTX1079M1
10DSY226PV	NSC SYSTEM PROCESS VENT	7186, GHGPSDTX145, PSDTX1079M1
10DSY230	FLASHER SEPARATOR NAOH DIGESTION SYSTEM	7186, GHGPSDTX145, PSDTX1079M1
10FLR001	#1 CONVERTER START-UP FLARE	7186, GHGPSDTX145, PSDTX1079M1
10FLR002	#2 CONVERTER START-UP FLARE	7186, GHGPSDTX145, PSDTX1079M1
10FLR003	#3 CONVERTER START-UP FLARE	7186, GHGPSDTX145, PSDTX1079M1
10FLR003A	#4 CONVERTER START-UP FLARE	7186, GHGPSDTX145, PSDTX1079M1
10FLR004A	NH3 TANK FLARE	7186, GHGPSDTX145, PSDTX1079M1
10FLR004B	BUTADIENE FLARE	7186, GHGPSDTX145, PSDTX1079M1
10FLR004C	NH3 PIPELINE AND BULLET TK FLARE	7186, GHGPSDTX145, PSDTX1079M1
10FLR004	NH3 START-UP FLARE	7186, GHGPSDTX145, PSDTX1079M1
10FLR005	ADN OPERATING FLARE	7186, 106.261/11/01/2003, 106.262/11/01/2003, GHGPSDTX145, PSDTX1079M1

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
10FLT063A	NICKEL VACUUM SYSTEM	7186, GHGPSDTX145, PSDTX1079M1
10FLT063	NICKEL ADDITION BAG FILTER	7186, GHGPSDTX145, PSDTX1079M1
10FUG2	FUGITIVES FROM ADN 311 AREA	7186, 106.261/11/01/2003, 106.262/11/01/2003, GHGPSDTX145, PSDTX1079M1
10FUG	FUGITIVES	7186, 106.261/11/01/2003, 106.262/11/01/2003, GHGPSDTX145, PSDTX1079M1
10LBA061B	ADN BARGE LOADING	7186, GHGPSDTX145, PSDTX1079M1
10LBA061C	BUTADIENE BARGE UNLOADING	7186, GHGPSDTX145, PSDTX1079M1
10LBA061E	NAOH/ADDUCT BARGE UNLOADING	7186, GHGPSDTX145, PSDTX1079M1
10LRC041A	ADN RAILCAR LOADING	7186, GHGPSDTX145, PSDTX1079M1
10LRC041B	ADN RAILCAR LOADING	7186, GHGPSDTX145, PSDTX1079M1
10LRC041C	ADN RAILCAR LOADING	7186, GHGPSDTX145, PSDTX1079M1
10LRC041D	LIGAND RAILCAR UNLOADING	7186, GHGPSDTX145, PSDTX1079M1
10LRC041E	MGN RAILCAR LOADING	7186, GHGPSDTX145, PSDTX1079M1
10LRC041F	2PN RAILCAR/TRUCK LOADING	7186, GHGPSDTX145, PSDTX1079M1
10LRC041G	MGN RAILCAR UNLOADING	7186, GHGPSDTX145, PSDTX1079M1
10LRC060	PROMOTER SOLUTION RAILCAR UNLOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR036	REF MGN TRUCK LOADING	7186, GHGPSDTX145, PSDTX1079M1

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
10LTR037A	CRUDE MGN TRUCK UNLOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR056A	CRUDE CRESOL LOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR056C	DN TAILS LOADING/UNLOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR056D	ETHYLENE GLYCOL UNLOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR056E	MGN LOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR056F	RAFFINATE LOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR057	2PN TRUCK UNLOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR061A	BENZENE NGL LOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR061B	PROMOTER SOLUTION LOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR061C	2M3BN OH MAKE LOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR061D	LOW BOILER WASTE LOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR061E	AMMONIUM PHOSPHATE LOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR061F	METHANOL UNLOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR061G	TECH GRADE 2M3BN LOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR061I	SIDEDRAW 2M3BN LOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR061K	RECYCLE LIGAND UNLOADING	106.472/09/04/2000
10LTR061L	2PN TRUCK LOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR061M	RECYCLE LIGAND LOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR061N	FRESH CATALYST LOADING	7186, GHGPSDTX145, PSDTX1079M1

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
10LTR061O	FRESH CATALYST UNLOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR062D	FRESH LIGAND UNLOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR062E	RECYCLE LIGAND UNLOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR062F	PROMOTER SOLUTION UNLOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR072	MDEA TRUCK LOADING/UNLOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR073	METHANOL BRINE TRUCK LOADING/UNLOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR074	ANTI-FOULANT UNLOADING	7186, GHGPSDTX145, PSDTX1079M1
10LTR087	OIL STORAGE SKID LOAD/UNLOAD	7186, GHGPSDTX145, PSDTX1079M1
10MSV260	BD MOLE SIEVE	7186, GHGPSDTX145, PSDTX1079M1
10MSV261	BD MOLE SIEVE	7186, GHGPSDTX145, PSDTX1079M1
10NGP	NATURAL GAS PURIFICATION PLANT	7186, GHGPSDTX145, PSDTX1079M1
10RCT201A	SII A REACTOR	7186, GHGPSDTX145, PSDTX1079M1
10RCT202	SI PARTIAL ISOM REACTOR	7186, GHGPSDTX145, PSDTX1079M1
10RCT221	SI PURGE ISOM. REACTOR	7186, GHGPSDTX145, PSDTX1079M1
10RCT222	SI CATALYST REACTOR	7186, GHGPSDTX145, PSDTX1079M1
10RCT223	SII FBN REACTOR	7186, GHGPSDTX145, PSDTX1079M1
10RCT228	E. CAUSTIC DIGESTER	7186, GHGPSDTX145, PSDTX1079M1
10RCT229	W. CAUSTIC DIGESTER	7186, GHGPSDTX145, PSDTX1079M1
10RPF001	ROTARY PRECOAT FILTER 1	7186, GHGPSDTX145, PSDTX1079M1

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
10RPF002	RPF CONVEYOR/BAGGER 1	7186, GHGPSDTX145, PSDTX1079M1
10RSY200	SI REACTION SYSTEM	7186, GHGPSDTX145, PSDTX1079M1
10RSY201	SII REACTION SYSTEM	7186, GHGPSDTX145, PSDTX1079M1
10RSY219-1	HCN CONVERTER 1	7186, GHGPSDTX145, PSDTX1079M1
10RSY219-2	HCN CONVERTER 2	7186, GHGPSDTX145, PSDTX1079M1
10RSY219-3	HCN CONVERTER 3	7186, GHGPSDTX145, PSDTX1079M1
10RSY219-4	HCN CONVERTER 4	7186, GHGPSDTX145, PSDTX1079M1
10RSY220	SI ISOM. REACTOR SYSTEM	7186, GHGPSDTX145, PSDTX1079M1
10SEP251	ISOM MOLE SIEVE DRAIN TANK (STEP 1 AREA)	7186, GHGPSDTX145, PSDTX1079M1
10SEP252	BENZENE DECANTER	7186, GHGPSDTX145, PSDTX1079M1
10SEP303	WET ORGANICS DECANTER	7186, GHGPSDTX145, PSDTX1079M1
10SMP048	HCN SOUTH SUMP (CLOSED SMP)	7186, GHGPSDTX145, PSDTX1079M1
10TFX006A	CRUDE PN TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX006B	2M3 STG. TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX006C	2M3 STG. TANK #2	7186, GHGPSDTX145, PSDTX1079M1
10TFX006D	LO BOIL FEED TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX006E	LO BOIL WASTE TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX006F	SII F1 MK TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX008	CAT PURGE TANK	7186, GHGPSDTX145, PSDTX1079M1

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
10TFX009	BYPRODUCT TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX010	FRESH LIGAND TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX011	FRESH CAT-3 TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX012	CAT BLEND TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX013	2M3BN SIDEDRAW TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX015A	PN WASH TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX015	EXTRACT TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX016	RECYC LIGAND TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX017	RECYC LIGAND TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX018	RECYC CYANE TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX019	FRESH CAT TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX020A	FRESH CAT-4 TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX020	FRESH CAT-2 TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX021B	RAFFINATE TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX021C	RAFFINATE TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX021	N. RAFFINATE TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX022	PN SWING TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX024	MGN STG. TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX025A	SOUTH WFE FD TK	7186, GHGPSDTX145, PSDTX1079M1

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
10TFX025B	NORTH WFE FD TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX026A	REF PN TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX026	REF PN TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX027	REF ADN TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX028	REF ADN TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX029	REF ADN TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX030	REF ADN TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX031	REF ADN TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX032B	REF ADN TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX032	REF ADN TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX033	RAFF SPHERE-MULTIPUR TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX034A	RAFF SPHERE-MULTIPUR TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX034B	RAFF SPHERE-MULTIPUR TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX035A	TG MGN TANK	7186, 106.261/11/01/2003, 106.262/11/01/2003, GHGPSDTX145, PSDTX1079M1
10TFX036A	PROMOTER PN TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX036	REF MGN TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX037A	CRUDE MGN TANK	7186, GHGPSDTX145, PSDTX1079M1

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
10TFX037	CRUDE DN TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX038	ETHYLENE GLYCOL TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX039	CRUDE CRESOL TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX042	PROM PN TK MQ	7186, GHGPSDTX145, PSDTX1079M1
10TFX043	PROM INSPEC TK 1	7186, GHGPSDTX145, PSDTX1079M1
10TFX044	PROM INSPEC TK 2	7186, GHGPSDTX145, PSDTX1079M1
10TFX045	PROM CK TK 1	7186, GHGPSDTX145, PSDTX1079M1
10TFX046	PROM CK TK 2	7186, GHGPSDTX145, PSDTX1079M1
10TFX047	METHANOL TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX049A	METHANOL MIX TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX049B	METHANOL SOLUTION TK (20%)	7186, GHGPSDTX145, PSDTX1079M1
10TFX049C	METHANOL SOLUTION TK (70%)	7186, GHGPSDTX145, PSDTX1079M1
10TFX053	MISC PURGE TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX057	ADN STORM WATER FIRST FLUSH TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX059	AMMONIUM SALT TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX060	NACN STORAGE TK	106.472/09/04/2000
10TFX067	PRODUCED WATER TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX068	UNICHEM 7415 TANK	106.472/03/14/1997
10TFX071	EAST BFW CHEM. ADDITION TK	106.371/09/04/2000

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
10TFX072	WEST BFW CHEM. ADDITION TK	106.371/09/04/2000
10TFX080	ADN STG	7186, GHGPSDTX145, PSDTX1079M1
10TFX085	MDEA - AMINE TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX086	ANTI-FOULANT TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX300	SI ORGANICS SUMP	7186, GHGPSDTX145, PSDTX1079M1
10TFX301	SII ORGANICS SUMP	7186, GHGPSDTX145, PSDTX1079M1
10TFX302	REF. ORGANICS SUMP	7186, GHGPSDTX145, PSDTX1079M1
10TFX305	NORTH PUMP TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX306	SOUTH PUMP TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX307	BD HUT	7186, GHGPSDTX145, PSDTX1079M1
10TFX309	SI CENTRATE TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX312	SII #1 CENTRATE TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX313	SII #2 CENTRATE TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX314	SII #3 CENTRATE TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX315	SII #4 CENTRATE TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX316	PN MIX TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX319	#1 CENTRIFUGE SLURRY TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX320	#2 CENTRIFUGE SLURRY TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX321	#3 CENTRIFUGE SLURRY TK	7186, GHGPSDTX145, PSDTX1079M1

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
10TFX322	#4 CENTRIFUGE SLURRY TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX323	SII #5 CENTRATE TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX324	WET ORGANICS DECANTER PUMP TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX326	ADN SEAL FLUSH TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX327	#3 TANK FARM PN SEAL FLUSH TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX328	#1 TANK FARM R.O.T.	7186, GHGPSDTX145, PSDTX1079M1
10TFX329	#2 TANK FARM R.O.T.	7186, GHGPSDTX145, PSDTX1079M1
10TFX330	#3 TANK FARM R.O.T.	7186, GHGPSDTX145, PSDTX1079M1
10TFX334	SII WATER SLURRY TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX335	PN FLASHER HUT	7186, GHGPSDTX145, PSDTX1079M1
10TFX336	SII SURGE TK	7186, GHGPSDTX145, PSDTX1079M1
10TFX338	NORTH SETTLER	7186, GHGPSDTX145, PSDTX1079M1
10TFX339	EAST MIXER	7186, GHGPSDTX145, PSDTX1079M1
10TFX340	WEST MIXER	7186, GHGPSDTX145, PSDTX1079M1
10TFX341	SOUTH SETTLER	7186, GHGPSDTX145, PSDTX1079M1
10TFX342	#6 CENTRATE TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX343	RAFFINATE MIXER	7186, GHGPSDTX145, PSDTX1079M1
10TFX344	RAFFINATE SETTLER	7186, GHGPSDTX145, PSDTX1079M1
10TFX345	WATER LAYER TANK	7186, GHGPSDTX145, PSDTX1079M1

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
10TFX350	PRETREATMENT R.O.T.	7186, GHGPSDTX145, PSDTX1079M1
10TFX351	PRETREATMENT MGN FLUSH TANK	7186, GHGPSDTX145, PSDTX1079M1
10TFX352	ADN OP FLARE ORGANIC SUMP	7186, GHGPSDTX145, PSDTX1079M1
10TFX353	NGP ORGANIC SUMP	7186, GHGPSDTX145, PSDTX1079M1
10VNT001	FEED GAS ANALYZER VENT	7186, GHGPSDTX145, PSDTX1079M1
10VNT002	HCN SAMPLE BLOWER VENT	7186, GHGPSDTX145, PSDTX1079M1
10VNT003	BD COLUMN GC	7186, GHGPSDTX145, PSDTX1079M1
10WTU237	HCN NEUTRALIZATION TANK	7186, GHGPSDTX145, PSDTX1079M1
10XTR333A	EXTRACTOR 2	7186, GHGPSDTX145, PSDTX1079M1
10XTR333	EXTRACTOR	7186, GHGPSDTX145, PSDTX1079M1
11ODP055B	ORGANICS DUMPSTER	7186, GHGPSDTX145, PSDTX1079M1
11SEP055A	API DECANTER	7186, GHGPSDTX145, PSDTX1079M1
11TFX036	HCN/HMD AWST	7186, GHGPSDTX145, PSDTX1079M1
11TFX047	HCN HUT	7186, GHGPSDTX145, PSDTX1079M1
11TFX048	NITRILE HUT	7186, GHGPSDTX145, PSDTX1079M1
11TFX053	RPF FILTRATE TANK #1	7186, GHGPSDTX145, PSDTX1079M1
11TFX055	311 AREA WASTEWATER TANK	7186, GHGPSDTX145, PSDTX1079M1
11TFX064	NETZ. FILTER FD. TK.	7186, GHGPSDTX145, PSDTX1079M1
11TFX070	NETZ. EFFLUENT TK	7186, GHGPSDTX145, PSDTX1079M1

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
11TFX076	WASTE COLLECTION	7186, GHGPSDTX145, PSDTX1079M1
11TFX077	WASTE LIFT TK	7186, GHGPSDTX145, PSDTX1079M1
11TFX153	PRECOAT TANK #1	7186, GHGPSDTX145, PSDTX1079M1
PRO-ADN	ADN PROCESS	7186, 106.261/11/01/2003, 106.262/11/01/2003, GHGPSDTX145, PSDTX1079M1

	Alternative Requirement	t	
Alternative Requirement			214

Bryan W. Shaw, Ph.D., P.E., Chairman Toby Baker, Commissioner Jon Niermann, Commissioner Richard A. Hyde, P.E., Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 8, 2016

MR JAMES E. ROBERTSON ADN/LDAR CSO INVISTA S.À.R.L. P.O. BOX 2626 VICTORIA. TEXAS 77902-2626

Re: Alternative Method of Compliance (AMOC) #58

Test Waiver and Alternative Monitoring Plan (AMP) for Hydrogen Cyanide (HCN)

Regulated Entity Number: 102663671 Customer Reference Number: 602582231

Affected Permits: 7186, PSDTX1079M2, GHGPSDTX145, O1415

Dear Mr. Robertson:

This correspondence is in response to Invista S.à.r.l.'s (Invista's) May 18, 2016 reactivation of the original request dated November 18, 2005 requesting a test waiver and alternative monitoring plan (AMP) for compliance with 40 CFR 63, Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories: Generic Maximum Achievable Control Technology Standards (Generic MACT). Specifically, two affected HCN pumps send streams to condensers, and then to a single caustic scrubber, which the Generic MACT requires to have 98% control of total hazardous air pollutants (HAPs). Corresponding initial performance sampling to establish parametric ranges for continuous monitoring of specific gravity and temperature is also required. Invista has requested to waive the initial performance sampling and to use continuous monitoring of the flow rate instead of specific gravity of the scrubbing liquid.

We understand that the vent streams controlled by the scrubber contain a substantial amount of cyanide (as much as 35%) and testing would create an unreasonable safety hazard. Consistent with the alternative demonstration method in the regulations for flares, Invista provided an engineering analysis through a process simulation program (ASPEN® model) to show that scrubber will effectively control emissions (99.89%) to meet the standard (98%) under a variety of worst-case conditions.

We also understand that because HCN is miscible in water, there is little to no discernable change in specific gravity of the scrubbing liquid and the monitoring of this parameter would not provide definitive performance demonstration. Instead, based on your engineering analysis and the design and operation of the scrubber, continuous monitoring and recordkeeping of daily averages of the scrubber's liquid temperature (maximum 30°C) and liquid flow rate (minimum 16,000 lbs/hr) is proposed.

Mr. Robertson Page 2 July 8, 2016

The TCEQ Executive Director has reviewed your supporting documentation and made a final decision to approve your request to waive the initial performance test and monitor flow rate and temperature to demonstrate compliance.

The Texas Commission on Environmental Quality (TCEQ) has been delegated authority to enforce the above cited standards in 40 CFR 63 (see 30 TAC §§113.100, 113.500, and 113.560) and is authorized to approve this waiver and AMP method. You are reminded that under §63.7(h)(5), approval of any waiver granted shall not abrogate the Administrator's authority under the Act or in any way prohibit the Administrator from later canceling the waiver.

This AMOC approval may supersede certain requirements or representations in Permit Nos. 7186, PSDTX1079M2, or GHGPSDTX145. To ensure effective and consistent enforceability, we request that Invista incorporate this AMOC into the permit(s) through submittal of an alteration no later than 90 days after this approval.

This approval may also change applicable requirements for the site, including existing testing and monitoring requirements which are identified in the SOP O1415. The TCEQ recommends the submittal of complete SOP administrative revisions if any changes are necessary. Changes meeting the criteria for an administrative revision can be operated before issuance of the revision if a complete application is submitted to the TCEQ and this information is maintained with the SOP records at the site.

This action is taken under authority delegated by the Executive Director of the TCEQ. If you have any questions, please call Anne Inman, P.E. at (512) 239-1276, or write to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division, MC-163, P.O. Box 13087, Austin, Texas 78711-3087.

Sincerely,

Michael Wilson, P.E., Director

Air Permits Division

Texas Commission on Environmental Quality

for

cc: Mr. Mark Hansen, Acting Associate Director Air Programs, U.S. EPA Region 6, Dallas, TX

Project No.: 252926

	Appendix A	
Acronym List		 217

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
	alternate means of control
	Acid Rain Program
	American Society of Testing and Materials
	Beaumont/Port Arthur (nonattainment area)
	Compliance Assurance Monitoring
	control device
	continuous opacity monitoring system
	closed-vent system
	Dallas/Fort Worth (nonattainment area)
•	Designated Representative
	El Paso (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
	federal operating permit
	grandfathered
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
	Houston/Galveston/Brazoria (nonattainment area)
	hydrogen sulfide
	identification number
lb/hr	pound(s) per hour
	Million British thermal units per hour
	monitoring, recordkeeping, reporting, and testing
	nonattainment
	not applicable
NO _x	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
	New Source Review
	Office of Regulatory Information Systems
	lead
	Permit By Rule
	particulate matter
	parts per million by volume
	prevention of significant deterioration
	sulfur dioxide
	Texas Commission on Environmental Quality
	total suspended particulate
	true vapor pressure
VUC	volatile organic compound

	Appendix B		
Major NSR Summary Table		 	219

Permit Number: GHGPSDTX145 Issua					nce Date: 12/30/2016			
Emission	Source	Air Contaminant	Emiss	sion Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.	
10FLR-001	Converter Flares	CO ₂ (5)		1,389.10	38	38, 39	38	
10FLR-002 10FLR-003		CH ₄ (5)		3.41	7, 16, 38	7, 16, 38, 39	38	
10FLR-003A		N ₂ O (5)		0.02	38	38, 39	38	
		CO ₂ e		1,480.31	7, 16, 38	7, 16, 38, 39	38	
10FLR-001 10FLR-002	Converter Flares MSS	CO ₂ (5)		3,773.39	21, 30, 31, 32, 37	21, 30, 31, 32, 37, 39		
10FLR-003 10FLR-003A		CH ₄ (5)		7.44	7, 16, 21, 30, 31, 32, 37	7, 16, 21, 30, 31, 32, 37, 39		
		N ₂ O (5)		0.01	21, 30, 37	21, 30, 37, 39		
		CO ₂ e		3,962.37	7, 16, 21, 30, 31, 32, 37	7, 16, 21, 30, 31, 32, 37, 39		
10FLR-004	Ammonia Startup Flare	CO ₂ (5)		196.87		39		
		CH ₄ (5)		0.49	7, 16	7, 16, 39		
		N ₂ O (5)		0.01		39		
		CO ₂ e		212.10	7, 16	7, 16, 39		
10FLR-004	Ammonia Startup Flare MSS Emissions	CO ₂ (5)		1,673.50	22, 30, 31, 32, 37	22, 30, 31, 32, 37, 39		
		CH ₄ (5)		4.13	7, 16, 22, 30, 31, 32, 37	7, 16, 22, 30, 31, 32, 37, 39		
		N ₂ O (5)		0.01	22, 30, 37	22, 30, 37, 39		
		CO ₂ e		1,779.73	7, 16, 22, 30, 31, 32, 37	7, 16, 22, 30, 31, 32, 37, 39		

Permit Number: GHGPSDTX145				Issuance Date: 12/30/2016				
Emission	Source	Air Contaminant	Emiss	sion Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.	
10FLR-004A	Ammonia Tank Flare	CO ₂ (5)		466.97		39		
		CH ₄ (5)		8.40	7, 16	7, 16, 39		
		N ₂ O (5)		0.01		39		
		CO ₂ e		679.95	7, 16	7, 16, 39		
10FLR-004A	Ammonia Tank Flare MSS Emissions	CO ₂ (5)		118.03	23, 30, 31, 32, 37	23, 30, 31, 32, 37, 39		
		CH ₄ (5)		0.10	7, 16, 23, 30, 31, 32, 37	7, 16, 23, 30, 31, 32, 37, 39		
		N ₂ O (5)		0.01	23, 30, 37	23, 30, 37, 39		
		CO ₂ e		123.51	7, 16, 23, 30, 31, 32, 37	7, 16, 23, 30, 31, 32, 37, 39		
10FLR-004B	Butadiene Flare	CO ₂ (5)		4,171.65	38	38, 39	38	
		CH ₄ (5)		10.25	7, 16, 38	7, 16, 38, 39	38	
		N ₂ O (5)		0.01	38	38, 39	38	
		CO ₂ e		4,430.88	7, 16, 38	7, 16, 38, 39	38	
10FLR-004B	Butadiene Flare MSS Emissions	CO ₂ (5)		460.53	24, 30, 31, 32, 37	24, 30, 31, 32, 37, 39		
		CH ₄ (5)		1.08	7, 16, 24, 30, 31, 32, 37	7, 16, 24, 30, 31, 32, 37, 39		
		N ₂ O (5)		0.01	24, 30, 37	24, 30, 37, 39		
		CO ₂ e		490.51	7, 16, 24, 30, 31, 32, 37	7, 16, 24, 30, 31, 32, 37, 39		
10FLR-005	Adiponitrile Flare	CO ₂ (5)		326,117.42	38	38, 39	38	
		CH ₄ (5)		98.78	7, 16, 38	7, 16, 38, 39	38	

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Emission	Source	Air Contaminant	Emiss	sion Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		N ₂ O (5)		1.76	38	38, 39	38
		CO ₂ e		329,111.40	7, 16, 38	7, 16, 38, 39	38
10FLR-005	Adiponitrile Flare MSS Emissions	CO ₂ (5)		19,413.61	25, 30, 31, 32, 37	25, 30, 31, 32, 37, 39	
		CH ₄ (5)		29.31	7, 16, 25, 30, 31, 32, 37	7, 16, 25, 30, 31, 32, 37, 39	
		N ₂ O (5)		0.02	25, 30, 37	25, 30, 37, 39	
		CO ₂ e		20,152.32	7, 16, 25, 30, 31, 32, 37	7, 16, 25, 30, 31, 32, 37, 39	
10FLR-TMP	TEMP Flare (5)	CO ₂ (5)		91.81	26	26, 39	
		CH ₄ (5)		0.10	7, 16, 26	7, 16, 26, 39	
		N ₂ O (5)		0.01	26	26, 39	
		CO ₂ e		97.29	7, 16, 26	7, 16, 26, 39	
10FLR-ALT	Alternate Flare for	CO ₂ (5)		544.91	26	26, 39	
	10FLR-005	CH ₄ (5)		0.01	7, 16, 26	7, 16, 26, 39	
		N ₂ O (5)		0.01	26	26, 39	
		CO ₂ e		548.14	7, 16, 26	7, 16, 26, 39	
10FUG	ADN Fugitives (4)	CO ₂ (5)		0.99	17	17, 39	
		CH ₄ (5)		14.57	17	17, 39	
		CO ₂ e		365.24	17	17, 39	
10FUG	ADN Fugitives MSS Emissions (4)	CO ₂ (5)		0.06	17	17, 39	
		CH ₄ (5)		0.01	17	17, 39	
		CO ₂ e		0.31	17	17, 39	

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Emission	Source	Air Contaminant	Emiss	sion Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.	
10MSS-001	MSS in ADN Area MSS Emissions	CO ₂ (5)		0.18	28, 30, 31, 32, 33, 37	28, 30, 31, 32, 33, 37, 39		
		CH ₄ (5)		0.60	28, 30, 31, 32, 33, 37	28, 30, 31, 32, 33, 37, 39		
		CO ₂ e		15.18	28, 30, 31, 32, 33, 37	28, 30, 31, 32, 33, 37, 39		
10MSS-002	MSS 311 Area MSS Emissions	CO ₂ (5)		0.10		30, 39		
		CO ₂ e		0.10		30, 39		
10VNT-001	Feed Gas Analyzer Vent	CO ₂ (5)		0.01		39		
		CH ₄ (5)		0.28		39		
		CO ₂ e		7.01		39		
10VNT-002	HCN Sample Blower Vent	CO ₂ (5)		0.01		39		
		CH ₄ (5)		0.01		39		
		CO ₂ e		0.26		39		
10VNT-003	BD Column GCs	CH ₄ (5)		0.01		39		
		CO ₂ e		0.25		39		
10VNT-255	Pump Tank Scrubber and Closed Sump	CO ₂ (5)		4.60	6	6, 39		
		CH ₄ (5)		0.01	6	6, 39		
		CO ₂ e		4.85	6	6, 39		
10VNT-255	Pump Tank Scrubber and Closed Sump MSS	CO ₂ (5)		0.25	6, 27	6, 27, 39		
		CH ₄ (5)		1.50	6, 27	6, 27, 39		

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Emission	Source	Air Contaminant	Emiss	ion Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		CO ₂ e		37.75	6, 27	6, 27, 39	

Footnotes:

- Emission point identification either specific equipment designation or emission point number from plot plan.
- Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) CO carbon dioxide ΝÓ nitrous oxide
 - CH, methane
 - HFČs hydrofluorocarbons PFCs perfluorocarbons sulfur hexafluoride SF.
 - CŐ e carbon dioxide equivalents based on the following Global Warming Potentials (1/2015):
- CO₂ (1), N₂O (298), CH₄ (25), SF₆ (22,800), HFC (various), PFC (various)
 Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. These rates include emissions from maintenance, startup, and shutdown.
- Emission rate is given for informational purposes only and does not constitute enforceable limit

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Emission	Source	Air Contaminant		sion Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements		
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.		
10FLR-001 Converter Flares (7) 10FLR-002 10FLR-003 10FLR-003A	СО	1.29	1.29 5.66 38	38	38	38			
		NH ₃	0.01	0.03	4, 7, 16, 38	4, 7, 16, 38	4, 38		
		NO _x	0.16	0.72	38	38	38		
		SO ₂	0.01	0.04	38	38	38		
		VOC	0.28	1.23	4, 7, 16, 38	4, 7, 16, 38	4, 38		
10FLR-001 Converter Flares 10FLR-002 MSS (8) 10FLR-003 10FLR-003A		СО	331.84	24.50	21, 30, 37	21, 30, 37			
		NH ₃	125.46	8.22	4, 7, 16, 21, 30, 31, 32, 37	4, 7, 16, 21, 30, 31, 32, 37	4		
		NO _x	133.24	9.79	21, 30, 37	21, 30, 37			
		SO ₂	0.22	0.02	21, 30, 37	21, 30, 37			
		VOC	347.29	13.91	4, 6, 7, 16, 21, 30, 31, 32, 37	4, 6, 7, 16, 21, 30, 31, 32, 37	4		
10FLR-004	Ammonia Startup Flare	СО	0.19	0.80					
		NH ₃	0.05	0.20	4, 7, 16	4, 7, 16	4		
		NO _x	0.03	0.10					
		SO ₂	0.01	0.01					

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Emission	Source	Air Contaminant	Emiss	sion Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements		
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.		
		VOC	0.04	0.16	4, 7, 16	4, 7, 16	4		
10FLR-004	Ammonia Startup Flare MSS Emissions	СО	116.00	10.58	22, 30, 37	22, 30, 37			
		NH ₃	95.80	8.75	7, 16, 22, 30, 31, 32, 37	7, 16, 22, 30, 31, 32, 37			
		NO _x	55.66	5.62	22, 30, 37	22, 30, 37			
		SO ₂	0.13	0.02	22, 30, 37	22, 30, 37			
		VOC	22.54	1.32	6, 7, 16, 22, 30, 31, 32, 37	6, 7, 16, 22, 30, 31, 32, 37			
10FLR-004A	Ammonia Tank Flare	СО	0.77	2.10					
		NH ₃	0.47	0.80	7, 16	7, 16			
		NO_x	0.33	0.65					
		SO_2	0.01	0.01					
		VOC	0.45	1.31	7, 16	7, 16			
10FLR-004A	Ammonia Tank Flare MSS Emissions	СО	22.08	0.68	23, 30, 37	23, 30, 37			
		NH ₃	21.33	0.54	7, 16, 23, 30, 31, 32, 37	7, 16, 23, 30, 31, 32, 37			
		NO _x	15.10	0.37	23, 30, 37	23, 30, 37			
		SO ₂	0.03	0.01	23, 30, 37	23, 30, 37			
		VOC	8.71	0.30	7, 16, 23, 30, 31, 32, 37	7, 16, 23, 30, 31, 32, 37			

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Emission	Source	Air Contaminant		sion Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements		
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.		
10FLR-004B	Butadiene Flare	CO	9.32	10.51	38	38	38		
		NO_x	2.21	3.65	38	38	38		
		SO_2	0.01	0.02	38	38	38		
		VOC	2.74	3.40	6, 7, 16, 38	6, 7, 16, 38	38		
10FLR-004B	Butadiene Flare MSS Emissions	СО	15.61	1.59	24, 30, 37	24, 30, 37			
		NO _x	5.23	0.29	24, 30, 37	24, 30, 37			
		SO ₂	0.03	0.01	24, 30, 37	24, 30, 37			
		VOC	9.64	0.53	6, 7, 16, 24, 30, 32, 37	6, 7, 16, 24, 30, 32, 37			
10FLR-005	Adiponitrile Flare	CO	1,637.33	2,568.92	38	38	38		
		NH ₃	1.32	1.04	3, 4, 7, 13, 16, 38	3, 4, 7, 13, 16, 38	3, 4, 38		
		NO _x	140.91	184.18	38	38	38		
		SO_2	0.04	0.08	38	38	38		
		VOC	623.36	517.16	3, 4, 6, 7, 10, 13, 16, 38	3, 4, 6, 7, 10, 13, 16, 38	3, 4, 38		
10FLR-005	Adiponitrile Flare MSS Emissions	СО	1069.32	81.50	25, 30, 37	25, 30, 37			
		NH ₃	0.01	0.01	3, 4, 7, 13, 16, 25, 29, 30, 31, 32, 37	3, 4, 7, 13, 16, 25, 29, 30, 31, 32, 37	3, 4		
		NO _x	231.63	14.00	25, 30, 37	25, 30, 37			
		SO_2	0.63	0.07	25, 30, 37	25, 30, 37			
		VOC	1042.13	65.17	3, 4, 6, 7, 13, 16, 25, 29, 30, 31, 32, 37	3, 4, 6, 7, 13, 16, 25, 29, 30, 31, 32, 37	3, 4		
10FLR-TMP	TEMP Flare (6)	CO	1.98	0.32	26	26			

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Emission	Source	Air Contaminant	Emiss	sion Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements		
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.		
		NH ₃	0.05	0.01	3, 4, 7, 13, 16, 26	3, 4, 7, 13, 16, 26	3. 4		
		NO _x	0.41	0.07	26	26			
		SO_2	0.01	0.01	26	26			
		VOC	2.97	0.47	3, 4, 6, 7, 13, 16, 26	3, 4, 6, 7, 13, 16, 26	3, 4		
10FLR-ALT	Alternate Flare for 10FLR-005	СО	5.56	1.96	26	26			
		NH ₃	0.05	0.02	3, 4, 7, 13, 16, 26	3, 4, 7, 13, 16, 26	3, 4		
		NO _x	0.89	0.29	26	26			
		SO ₂	< 0.01	< 0.01	26	26			
		VOC	6.36	2.18	3, 4, 6, 7, 13, 16, 26	3, 4, 6, 7, 13, 16, 26	3, 4		
10FLRALTF	Fugitives from Alternate Flare for 10FLR-005 (5)	NH ₃	0.02	0.01	17, 18	17, 18	17		
		VOC	1.89	0.01	3, 4, 17, 18	3, 4, 17, 18	3, 4, 17		
10CLT-040	Cooling Tower	NH ₃	3.83	16.75					
		PM ₁₀	1.10	4.21	20	20			
		VOC	3.83	16.75	19	19			
10FUG	ADN Fugitives (5)	CO	0.17	0.53	17	17	17		
		H ₂ S	0.01	0.01	17	17	17		
		NH ₃	2.48	8.07	17, 18	17, 18	17		
		VOC	53.85	194.03	3, 4, 17, 18	3, 4, 17, 18	3, 4, 17		

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Emission	Source	Air Contaminant	Emiss	sion Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
10FUG	ADN Fugitives MSS Emissions (5)	СО	0.01	0.01	17	17	17
		NH ₃	0.01	0.01	17, 18	17, 18	17
		VOC	0.04	0.15	3, 4, 17, 18	3, 4, 17, 18	3, 4, 17
10FUG2	311 Fugitives (5)	HC1	0.02	0.07			
		NH ₃	0.03	0.06	17	17	17
		VOC	1.26	5.41	3, 4, 17	3, 4, 17	3, 4, 17
10FUGMSS2	Ammonia Flare 10FLR004A, propane supplemental and pilot fuel	VOC	0.38	0.02	17	17	17
10MSS-001	MSS in ADN Area MSS Emissions	СО	0.02	0.01	28, 30, 31, 32, 33, 34, 36, 37	28, 30, 31, 32, 33, 34, 36, 37	
		Cl ₂	0.06	0.01	28, 30, 31, 32, 33, 34, 36, 37	28, 30, 31, 32, 33, 34, 36, 37	
		H ₂ O ₂	0.01	0.01	28, 30, 31, 32, 33, 34, 36, 37	28, 30, 31, 32, 33, 34, 36, 37	
		HCl	0.08	0.01	28, 30, 31, 32, 33, 34, 36, 37	28, 30, 31, 32, 33, 34, 36, 37	
		NH ₃	2.13	0.02	28, 30, 31, 32, 33, 34, 36, 37	28, 30, 31, 32, 33, 34, 36, 37	
		VOC	164.93	3.23	28, 30, 31, 32, 33, 34, 36, 37	28, 30, 31, 32, 33, 34, 36, 37	
10MSS-002	MSS 311 Area MSS Emissions	HCl	6.26	0.06	28, 30, 31, 32, 33, 34, 36, 37	28, 30, 31, 32, 33, 34, 36, 37	

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Emission	Source	Air Contaminant	Emiss	sion Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements		
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.		
		NH ₃	2.20	0.05	28, 30, 31, 32, 33, 34, 36, 37	28, 30, 31, 32, 33, 34, 36, 37			
		VOC	7.32	0.42	28, 30, 31, 32, 33, 34, 36, 37	28, 30, 31, 32, 33, 34, 36, 37			
10FLT-063	Nickel Addition Bag Filter	PM ₁₀	0.01	0.01	15, 16	15, 16			
10FLT-063A	Nickel Vacuum System	PM ₁₀	0.05	0.01	15, 16	15, 16			
10LBA-061B	ADN Barge Loading	VOC	0.18	0.06	8	8			
10LBA-061D	NH3 Barge Unloading	NH ₃	0.69	0.05	8	8			
10LDR-326A	ADN Drum Loading	VOC	0.01	0.01	8	8			
10LDR-326B	2M3BN Drum Loading	VOC	0.01	0.01	8, 12	8, 12	12		
10LRC-041A	ADN Railcar Loading	VOC	0.02	0.02	8	8			
10LRC-041B	ADN Load/Unload	VOC	0.02	0.02	8	8			
10LRC-041C	ADN Railcar Loading	VOC	0.02	0.02	8	8			
10LRC-041E	MGN Railcar Loading	VOC	0.09	0.02	8	8			
10LRC-041F	2PN Railcar Degassing	VOC	9.42	0.18					
10LTR-036	REF MGN Truck Loading	VOC	0.04	0.02	8	8			
10LTR-056	No. 3 Tank Farm Truck Spot	VOC	4.57	0.15	6, 8, 9, 16	4, 6, 8, 9, 16	4		

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Emission	Source	Air Contaminant	Emiss	sion Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements			
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.			
10LTR-057	2PN Truck Unloading	VOC	0.04	0.01	8	8				
10LTR-061	Truck Loading	VOC	3.42	0.70	6, 8, 9, 10, 16	4, 6, 8, 9, 10, 16	4			
		NH ₃	0.05	0.02	8	8				
10LTR-062	Misc. Load/Unload	VOC	0.07	0.01	8	8				
10LTR-072	MDEA Truck Loading/Unloading	VOC	0.03	0.01	8	8				
10LTR-073	Methanol Brine Truck Loading	VOC	0.32	0.01	8, 9, 12, 16	4, 8, 9, 12, 16	4, 12			
10LTR-074	Anti-foulant Unloading	VOC	0.01	0.01	8	8				
10LTR-087	Oil Unloading	VOC	0.01	0.01	8	8				
10SCB-154	HCl Scrubber	HC1	0.38	0.05	11, 16	11, 16				
10TFX-010	Fresh Ligand Tank	VOC	0.01	0.01	14	14				
10TFX-025A	South WFE Feed Tank	VOC	10.88	3.72	14	14				
10TFX-025B	North WFE Feed Tank	VOC	10.88	3.72	14	14				
10TFX-027	REF ADN Tank No.	VOC	0.21	0.04	14	14				
10TFX-028	REF ADN Tank No. 2	VOC	0.21	0.04	14	14				
10TFX-029	REF ADN Tank No.	VOC	0.21	0.04	14	14				
10TFX-030	REF ADN Tank No.	VOC	0.21	0.04	14	14				
10TFX-031	REF ADN Tank No. 5	VOC	0.21	0.04	14	14				

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Emission	Source	Air Contaminant	Emiss	sion Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
10TFX-032	REF ADN Tank No. 6	VOC	0.21	0.04	14	14	
10TFX-032B	REF ADN Tank No. 7	VOC	0.10	0.12	14	14	
10TFX-033	North Raffinate Sphere	VOC	17.39	0.70	14	14	
10TFX-034A	Middle Raffinate Sphere	VOC	17.39	0.70	14	14	
10TFX-034B	South Raffinate Sphere	VOC	17.39	0.70	14	14	
10TFX-035A	TG MGN Tank	VOC	1.49	0.56	14	14	
10TFX-036	REF MGN Tank	VOC	0.04	0.12	14	14	
10TFX-036A	Promoter PN Sphere	VOC	3.45	1.52	14	14	
10TFX-037	Crude DN/MGN Tank	VOC	0.07	0.02	14	14	
10TFX-037A	Crude MGN Sphere	VOC	0.31	0.11	14	14	
10TFX-038	Ethylene Glycol Tank	VOC	0.15	0.01	14	14	
10TFX-047	Methanol Tank	VOC	10.38	0.22	14	14	
10TFX-049A	Methanol Solution Mix Tank	VOC	1.32	0.03	14	14	
10TFX-049B	Methanol Solution Tank (20%)	VOC	1.26	0.01	14	14	
10TFX-049C	Methanol Solution Tank (70%)	VOC	0.37	0.01	14	14	
10TFX-059	Ammonium Salt Tank	NH ₃	0.08	0.01	14	14	
		VOC	0.02	0.01	14	14	

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Emission	Source	Air Contaminant	Emiss	sion Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements			
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.			
10TFX-067	Produced Water Tank	NH ₃	0.03	0.02	14	14				
		VOC	0.01	0.01	14	14				
10TFX-080	Barge Dock REF ADN Tank	VOC	0.34	0.33	14	14				
10TFX-085	MDEA - Amine Tank	VOC	0.01	0.01	14	14				
10TFX-086	Anti-foulant Tank	VOC	0.50	0.01	14	14				
10TFX-087	Oil Storage Skid	VOC	0.05	0.01	14	14				
10VNT-001	Feed Gas Analyzer Vent	NH ₃	0.09	0.36						
		VOC	0.01	0.01						
10VNT-002	HCN Sample Blower Vent	СО	0.01	0.01						
		NH ₃	0.19	0.01						
		VOC	0.26	0.01						
10VNT-003	BD Column GCs	VOC	0.01	0.01						
10VNT-255	Pump Tank Scrubber and Closed Sump	СО	0.02	0.07	6, 16	6, 16				
		VOC	0.14	0.53	6, 16	6, 16				
10VNT-255	Pump Tank Scrubber and Closed Sump MSS	СО	0.01	0.01	6, 27	6, 27				
		VOC	66.80	0.68	6, 27	6, 27				
11TFX-036	HCN/HMD AWST	NH ₃	3.62	1.72	14	14				
		VOC	1.34	0.65	14	14				

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Emission	Source	Air Contaminant	Emiss	sion Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.	
11TFX-047	HCN/HMD HUT	NH ₃	1.47	0.87	14	14		
		VOC	0.55	0.33	14	14		
11TFX-048	Nitrile HUT	NH ₃	1.03	0.46	14	14		
		VOC	0.41	0.19	14	14		
11TFX-053	RPF Filtrate Tank No. 1	NH ₃	0.17	0.05	14	14		
		VOC	0.01	0.01	14	14		
11TFX-055	311 Area Wastewater Tank	NH ₃	0.21	0.06	14	14		
		VOC	0.05	0.02	14	14		
11SEP-055A	API Decanter	NH ₃	0.18	0.05	14	14		
		VOC	0.05	0.02	14	14		
11ODP-055B	Organics Dumpster	VOC	0.01	0.01	14	14		
11TFX-064	NETZ Filter Feed Tank	NH ₃	0.39	0.28	14	14		
		VOC	0.17	0.13	14	14		
11TFX-070	NETZ Effluent Tank	NH ₃	0.47	0.31	14	14		
		VOC	0.20	0.14	14	14		
11TFX-076	Waste Collection Tank	NH ₃	0.10	0.07	14	14		
		VOC	0.03	0.02	14	14		
11TFX-077	Waste Lift Tank	NH ₃	0.01	0.01	14	14		
		VOC	0.01	0.01	14	14		
11TFX-153	Precoat Tank No. 1	NH ₃	0.08	0.01	14	14		
		VOC	0.03	0.01	14	14		

Permit Number:	7186, PSDTX1079M	1		Issuan	Issuance Date: 12/30/2016					
Emission	Source	Air Contaminant	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements			
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.			
10RPF-001	Rotary Precoat Filter No. 1	NH ₃	1.93	3.44						
		VOC	0.28	0.54						
10RPF-002	RPF Conveyor/Bagger 1	NH ₃	0.01	0.01						
		VOC	0.01	0.01						
10RPF-005	RPF Diatomaceous Earth Loading	PM ₁₀	0.01	0.01						

Footnotes:

- (1) Emission point identification either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - NO_x total oxides of nitrogen
 - SO₂ sulfur dioxide
 - PM total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented PM_{10} total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
 - PM_{2.5} particulate matter equal to or less than 2.5 microns in diameter
 - CO carbon monoxide
 - HAP hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) This flare is authorized to operate for 336 hours per year and only when Flare 10FLR-005 is shut down for maintenance during an ADN unit turnaround. (01/08)
- (7) Only one converter can be in startup mode at a time.
- (8) Converter startups are limited to 36 total for all converters in a rolling 12-month period. (01/08)



Texas Commission on Environmental Quality Air Quality Permit

A Permit Is Hereby Issued To
INVISTA S.a r.l.
Authorizing the Construction and Operation of
Invista Sarl Victoria Plant
Located at Victoria, Victoria County, Texas
Latitude 28° 40′ 41″ Longitude –96° 57′ 17″

Permits:	7186,	PSD	TX107	⁷ 9M1,	and	GHGPSDTX145	

Expiration Date: _____ November 9, 2020

Revision Date: <u>December 30, 2016</u>

For the Commission

- 1. **Facilities** covered by this permit shall be constructed and operated as specified in the application for the permit. All representations regarding construction plans and operation procedures contained in the permit application shall be conditions upon which the permit is issued. Variations from these representations shall be unlawful unless the permit holder first makes application to the Texas Commission on Environmental Quality (commission) Executive Director to amend this permit in that regard and such amendment is approved. [Title 30 Texas Administrative Code (TAC) Section 116.116 (30 TAC § 116.116)] ¹
- 2. **Voiding of Permit**. A permit or permit amendment is automatically void if the holder fails to begin construction within 18 months of the date of issuance, discontinues construction for more than 18 months prior to completion, or fails to complete construction within a reasonable time. Upon request, the executive director may grant an 18-month extension. Before the extension is granted the permit may be subject to revision based on best available control technology, lowest achievable emission rate, and netting or offsets as applicable. One additional extension of up to 18 months may be granted if the permit holder demonstrates that emissions from the facility will comply with all rules and regulations of the commission, the intent of the Texas Clean Air Act (TCAA), including protection of the public's health and physical property; and (b)(1)the permit holder is a party to litigation not of the permit holder's initiation regarding the issuance of the permit; or (b)(2) the permit holder has spent, or committed to spend, at least 10 percent of the estimated total cost of the project up to a maximum of \$5 million. A permit holder granted an extension under subsection (b)(1) of this section may receive one subsequent extension if the permit holder meets the conditions of subsection (b)(2) of this section. [30 TAC § 116.120]
- 3. **Construction Progress**. Start of construction, construction interruptions exceeding 45 days, and completion of construction shall be reported to the appropriate regional office of the commission not later than 15 working days after occurrence of the event. [30 TAC § 116.115(b)(2)(A)]
- 4. **Start-up Notification**. The appropriate air program regional office shall be notified prior to the commencement of operations of the facilities authorized by the permit in such a manner that a representative of the commission may be present. The permit holder shall provide a separate notification for the commencement of operations for each unit of phased construction, which may involve a series of units commencing operations at different times. Prior to operation of the facilities authorized by the permit, the permit holder shall identify the source or sources of allowances to be utilized for compliance with Chapter 101, Subchapter H, Division 3 of this title (relating to Mass Emissions Cap and Trade Program). [30 TAC § 116.115(b)(2)(B)]
- 5. **Sampling Requirements**. If sampling is required, the permit holder shall contact the commission's Office of Compliance and Enforcement prior to sampling to obtain the proper data forms and procedures. All sampling and testing procedures must be approved by the executive director and coordinated with the regional representatives of the commission. The permit holder is also responsible for providing sampling facilities and conducting the sampling operations or contracting with an independent sampling consultant. [30 TAC § 116.115(b)(2)(C)]

Revised (10/12)

- 6. **Equivalency of Methods.** The permit holder must demonstrate or otherwise justify the equivalency of emission control methods, sampling or other emission testing methods, and monitoring methods proposed as alternatives to methods indicated in the conditions of the permit. Alternative methods shall be applied for in writing and must be reviewed and approved by the executive director prior to their use in fulfilling any requirements of the permit. [30 TAC § 116.115(b)(2)(D)]
- 7. **Recordkeeping.** The permit holder shall maintain a copy of the permit along with records containing the information and data sufficient to demonstrate compliance with the permit, including production records and operating hours; keep all required records in a file at the plant site. If, however, the facility normally operates unattended, records shall be maintained at the nearest staffed location within Texas specified in the application; make the records available at the request of personnel from the commission or any air pollution control program having jurisdiction in a timely manner; comply with any additional recordkeeping requirements specified in special conditions in the permit; and retain information in the file for at least two years following the date that the information or data is obtained. [30 TAC § 116.115(b)(2)(E)]
- 8. **Maximum Allowable Emission Rates**. The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on the table attached to the permit entitled "Emission Sources--Maximum Allowable Emission Rates." [30 TAC § 116.115(b)(2)(F)] ¹
- 9. **Maintenance of Emission Control**. The permitted facilities shall not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. The permit holder shall provide notification in accordance with 30 TAC §101.201, 101.211, and 101.221 of this title (relating to Emissions Event Reporting and Recordkeeping Requirements; Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements; and Operational Requirements). [30 TAC§ 116.115(b)(2)(G)]
- 10. **Compliance with Rules**. Acceptance of a permit by an applicant constitutes an acknowledgment and agreement that the permit holder will comply with all rules and orders of the commission issued in conformity with the TCAA and the conditions precedent to the granting of the permit. If more than one state or federal rule or regulation or permit condition is applicable, the most stringent limit or condition shall govern and be the standard by which compliance shall be demonstrated. Acceptance includes consent to the entrance of commission employees and agents into the permitted premises at reasonable times to investigate conditions relating to the emission or concentration of air contaminants, including compliance with the permit. [30 TAC § 116.115(b)(2)(H)]
- 11. **This** permit may not be transferred, assigned, or conveyed by the holder except as provided by rule. [30 TAC § 116.110(e)]
- 12. **There** may be additional special conditions attached to a permit upon issuance or modification of the permit. Such conditions in a permit may be more restrictive than the requirements of Title 30 of the Texas Administrative Code. [30 TAC § 116.115(c)]
- 13. **Emissions** from this facility must not cause or contribute to "air pollution" as defined in Texas Health and Safety Code (THSC) §382.003(3) or violate THSC § 382.085. If the executive director determines that such a condition or violation occurs, the holder shall implement additional abatement measures as necessary to control or prevent the condition or violation.
- 14. **The** permit holder shall comply with all the requirements of this permit. Emissions that exceed the limits of this permit are not authorized and are violations of this permit. ¹

Revised (10/12) 2

¹ Please be advised that the requirements of this provision of the general conditions may not be applicable to greenhouse gas emissions.

Special Conditions

Permit Numbers 7186, PSDTX1079M1, and GHGPSDTX145

Emission Standards

- 1. This permit authorizes emissions only from those points listed in the attached table entitled "Emission Sources Maximum Allowable Emission Rates," and the facilities covered by this permit are authorized to emit subject to the emission rate limits on that table and other operating conditions specified in this permit. (09/05)
- 2. Non-fugitive emissions from relief valves, safety valves, or rupture discs of gases containing volatile organic compounds (VOC) at a concentration of greater than 1 percent are not authorized by this permit unless authorized on the maximum allowable emission rates table. Any releases directly to atmosphere from relief valves, safety valves, or rupture discs of gases containing VOC at a concentration greater than 1 weight percent are not consistent with good practice for minimizing emissions with the exception of those listed in the attached Table I. (01/08)

Federal Applicability

- 3. These facilities shall comply with all applicable requirements of the U.S. Environmental Protection Agency (EPA) regulations on Standards of Performance for New Stationary Sources Promulgated for Volatile Organic Liquid Storage Vessels, for Equipment Leaks of VOC From Onshore Natural Gas Processing Plants, for VOC Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Distillation Operations, for VOC Emissions from SOCMI Reactor Processes, and for Equipment Leaks of VOC in the Synthetic Organic Manufacturing Industry in Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subparts A, Kb, KKK, NNN, RRR, and VVa. (06/08)
- 4. These facilities shall comply with all applicable requirements of the EPA regulations on National Emission Standards for Hazardous Air Pollutants (NESHAPS) promulgated for Benzene Emissions from Benzene Transfer Operations, and for Benzene Waste Operations in 40 CFR Part 61, Subparts A, BB, and FF.

The facilities shall comply with the requirements of Title 30 Texas Administrative Code (30 TAC) §§ 113.100, 113.110, 113.120, 113.130, 113.350, and 113.560 including the referenced requirements contained in 40 CFR Part 63, Subparts A, F, G, H, DD, and YY. (01/08)

Operational Limitations

- 5. Adiponitrile production is limited to the rate specified in the confidential Material Balance Table of the permit application dated March 9, 2015 and subsequent submittals concerning the amendment of this permit. (7/16)
- 6. Carbon Compound Waste Gas Streams

- A. Except as may be provided for in the special conditions or maximum allowable emission rate table (MAERT) of this permit, all waste gas from point sources containing VOC at a concentration of greater than 1 weight percent shall be collected and routed to a flare or other control device. The flare or other control device shall operate with no less than 98 percent efficiency in disposing of the carbon compounds captured by the collection system. Any other exception to this condition requires prior review and approval by the Texas Commission on Environmental Quality (TCEQ) Executive Director, and such exceptions may be subject to strict monitoring requirements.
- B. Waste gases, as described in Special Condition (SC) No. 6A above, can also be routed to Boiler Nos. 1 and 2 (Emission Point No. [EPN] 15STK-005), Boiler Nos. 3 and 4 (EPN 15STK-006), or Boiler Nos. 7 and 8 (EPN 17STK-007). The boilers are authorized separately for the burning of these waste gases. (01/08)
- C. Except as may be provided for in the special conditions or MAERT of this permit, all waste gases from the HCN Pump Tanks shall be collected and routed to the HCN Pump Tank Scrubber (EPN 10VNT-255). The scrubber shall operate with no less than 98 percent efficiency in disposing of the carbon compounds and Hazardous Air Pollutants (HAPs) captured by the collection system. In accordance with Alternative Method of Compliance (AMOC) #58, issued by the TCEQ on July 8, 2016, the initial performance test of the scrubber is waived and the scrubbing liquid flow rate and temperature shall be continuously monitored and recorded to demonstrate compliance. During normal operation, the daily average scrubbing liquid temperature shall not be greater than 30 °C and the daily average scrubbing liquid flow rate shall not be less than 16,000 pounds per hour (lbs/hr). (12/16)
- 7. Flares to include EPNs 10FLR-001, 10FLR-002, 10FLR-003, 10FLR-003A, 10FLR-004, 10FLR-004A, 10FLR-004B, 10FLR-TMP, 10FLR-ALT, and 10FLR-005 shall be designed and operated in accordance with the requirements in A, B, and C of this SC. Flare EPN 10FLR-005 shall also operate in accordance with paragraph D of this SC. (07/16)
 - A. The flare systems shall be designed such that the combined assist natural gas and waste stream to each flare meets the 40 CFR § 60.18 specifications of minimum heating value or minimum hydrogen content and maximum tip velocity under normal, upset, and maintenance flow conditions.
 - The heating value or hydrogen content and velocity requirements shall be satisfied during operations authorized by this permit. Flare testing per 40 CFR § 60.18(f) may be requested by the appropriate regional office to demonstrate compliance with these requirements.
 - B. The flares shall be operated with a flame present at all times and/or have a constant pilot flame. The pilot flame shall be continuously monitored by a thermocouple or an infrared monitor. The time, date, and duration of any loss of pilot flame shall be recorded. Each monitoring device shall be accurate to, and shall be calibrated at a frequency in accordance with, the manufacturer's specifications.
 - C. The flares shall be operated with no visible emissions except periods not to exceed a total of five minutes during any two consecutive hours.

- D. The permit holder shall install a continuous flow monitor, hydrogen monitor, and Btu content analyzer that provides a record of the vent stream flow, hydrogen content, and Btu content to the Adiponitrile Flare (EPN 10FLR-005).
 - (1) The flow monitor sensor, hydrogen monitor, and analyzer sample points shall be installed such that the total vent stream to the flare is measured and analyzed. Readings shall be taken at least once every 15 minutes and the average hourly values of the flow, hydrogen content, and Btu content shall be recorded each hour. (11/10)
 - (2) The monitors shall be calibrated on an annual basis to meet the following accuracy specifications: the flow monitor shall be ±5.0 percent or ±0.1 m/s, whichever is greater; the temperature monitor shall be ±2.0 percent at absolute temperature; the pressure monitor shall be ±5.0 mm Hg. The hydrogen analyzer shall be calibrated, installed, operated, and maintained, in accordance with manufacturer recommendations. The Btu content meter shall be calibrated, installed, operated, and maintained, in accordance with manufacturer recommendations, to continuously measure and record the net heating value of the gas sent to the flare, in British thermal units/standard cubic foot of the gas.
 - (3) The monitors and analyzers shall operate as required by this section at least 95 percent of the time when the flare is operational, except for periods during which the individual monitors are not being used for documenting compliance with this special condition, averaged over a rolling 12-month period. Actual exit velocity shall be determined in accordance with 40 CFR § 60.18(f)(4).
 - (4) During times when the total actual volumetric flow to Adiponitrile flare is less than 500,000 standard cubic feet per hour (SCFH), the permit holder can use the alternate monitoring method specified in this subparagraph to continuously monitor and record the total vent stream flow. (9/15)

Notwithstanding the provisions of 30 TAC §101.1(99), for the purposes of this subparagraph, standard conditions shall mean a temperature of zero degrees Centigrade and a pressure of 14.7 pounds per square inch absolute.

The volumetric flow rate from each vent stream which may be directed to the Adiponitrile flare shall be monitored using one of the following methods:

- (a) Flow Controllers and associated engineering calculations indicating volumetric flow rate at a frequency of at least once every 15 minutes;
- (b) Flow Indicators and associated engineering calculations indicating volumetric flow rate at a frequency of at least once every 15 minutes;
- (c) For the HCN off-gas stream and PSA Tails gas only, empirical correlation between control valve travel and flow rate through the valve, calculated and recorded at a frequency of at least once every 15 minutes; or
- (d) For vent streams from storage tanks only, engineering calculation.

Special Conditions Permit Numbers 7186, PSDTX1079M1, and GHGPSDTX145 Page 4

Flow Controllers and Flow Indicators shall be accurate to \pm 5 percent of the measured flow and shall be maintained in accordance with manufacturers' specifications. Measured or calculated flow rates shall be summed at least once every 15 minutes and the average hourly values of the flow shall be recorded each hour.

Use of this alternative monitoring method does not relieve the permit holder of responsibility for operating the primary flow measurement device at all times that the flare is operational (except as provided for in subparagraph D(4)). However, the relative accuracy requirements of subparagraph D(2) shall not apply to the primary monitoring device during times that the alternative monitoring method is employed.

Loading

- 8. All loading lines and connectors shall be visually inspected for any defects prior to hookup. Loading lines and connectors that are visibly damaged shall be removed from service. Loading operations shall cease immediately upon detection of any liquid leaking from the lines or connections. Except for loading associated with tanks or tank trailers that vent directly to the atmosphere, after loading operations are completed, loading lines shall be nitrogen purged to remove any residual organic compounds. (01/08)
- 9. For tank truck loading, VOCs having a vapor pressure equal to or greater than 0.5 psia under actual storage conditions shall only be loaded into pressure tank trucks rated at 15 psig or greater. Each such tank truck shall be leak checked and certified annually in accordance with U.S. Department of Transportation Rule 49 CFR § 180.407. The permit holder shall not allow a tank truck to be filled unless it has passed a leak-tight test within the past year as indicated by the tank truck leakage test label which shows the month and year the tank truck last passed the leak-tight test required by this condition and the identification number of the tank truck. (06/08)
- 10. Emissions generated from the loading of iso-containers with 2M3BN shall be captured and routed to Flare 10FLR-005.
- 11. Loading emissions from Tanks EPNs 10TFX-054 and 10TFX-054A shall be routed to the hydrogen chloride (HCl) scrubber (EPN 10SCB-154), which shall maintain a liquid flow rate of not less than 5.4 gallons per minute averaged over the loading period. The pH of the scrubbing liquid shall be maintained at a level greater than or equal to 0.5. Liquid flow rates and outlet pH shall be recorded at least every 15 minutes during transfer operations with the beginning and end of material transfer specifically indicated. These records shall be maintained at the plant site for at least five years and be made available upon request to TCEQ personnel. (01/08)

- 12. The emissions associated with the loading of methanol solutions at EPN 10LTR-073 and the filling of drums with 2M3BN at EPN 10LDR-326B shall vent through a carbon adsorption system (CAS) consisting of at least two activated carbon canisters that are connected in series. The associated CAS shall be sampled and operated in accordance with the requirements provided in A, B, C, D, and E of this SC, or the carbon shall be replaced at a predetermined operating time interval that is less than the carbon replacement interval determined by a design analysis based on the maximum design flow rate and air contaminant concentration.
 - A. The associated CAS shall be sampled daily during loading operations of methanol solutions at EPN 10LTR-073 and/or the filling of drums with 2M3BN at EPN 10LDR-326B to determine breakthrough of VOC. The sampling point shall be at the outlet of the initial canister but before the inlet to the second or final polishing canister. Sampling shall be done during loading of Methanol solutions or drum filling of 2M3BN.
 - B. The VOC sampling and analysis shall be performed using an instrument with a flame ionization detector (FID), or a TCEQ-approved alternative detector. The instrument/FID must meet all requirements specified in Section 8.1 of EPA Method 21 (40 CFR Part 60, Appendix A). Sampling and analysis for VOC breakthrough shall be performed as follows:
 - (1) During sampling, data recording shall not begin until after two times the instrument response time. The VOC concentration shall be monitored during the loading of Methanol solutions or drum filling of 2M3BN.
 - (2) Sample ports or connections must be designed such that air leakage into the sample port does not occur during sampling.
 - (3) During sampling, data recording shall not begin until after two times the instrument response time. The VOC concentration shall be monitored during the loading of Methanol solutions or drum filling of 2M3BN.
 - C. Breakthrough shall be defined as the highest one-minute average measured VOC concentration at or exceeding 10 ppmv. When the condition of breakthrough of VOC from the initial saturation canister occurs, the waste gas flow shall be switched to the second canister and a fresh canister shall be placed as the new final polishing canister before the next day during which loading of methanol solutions or drum filling of 2M3BN is performed. Sufficient new activated carbon canisters shall be maintained at the site to replace spent carbon canisters such that replacements can be done in the above specified time frame.
 - D. Records of the CAS monitoring maintained at the plant site, shall include (but are not limited to) the following:
 - (1) Sample time and date.
 - (2) Sampling results (ppmv).
 - (3) The time and date of breakthroughs and canister replacements.
 - (4) Process operations occurring at the time of sampling.

- E. Alternate monitoring or sampling requirements may be approved by the TCEQ Regional Manager. Alternate requirements must be approved in writing before they can be used for compliance purposes. (01/08)
- 13. Process Vessels and Storage Tanks (07/16)
 - A. Except during periods of flare maintenance (of no more than two weeks per year vented to EPN 10FLR-TMP and no more than 720 hours per year vented to EPN 10FLR-FLT), the following process vessels and storage tanks shall be vented to Flare 10FLR-005:

Process Vessels	Storage Tanks
10TFX-006A	10TFX-009
10TFX-006B	10TFX-013
10TFX-006D	10TFX-021B
10TFX-006F	10TFX-021C
10TFX-008	10TFX-024
10TFX-011	10TFX-039
10TFX-015	10TFX-042
10TFX-018	10TFX-057
10TFX-026	10TFX025A*
10TFX-026A	10TFX025B*
10TFX-053	10TFX-006E
10TFX-300	10TFX-012
10TFX-301	10TFX-016
10TFX-302	10TFX-017
10TFX-350	10TFX-045
10TFX-351	10TFX-046
10TFX-006C	10TFX-326
10TFX-015A	10TFX-327
10TFX-019	
10TFX-020	
10TFX-020A	
10TFX-021	
10TFX-022	
10TFX-043	
10TFX-044	
10TFX-328	

Process Vessels	Storage Tanks
10TFX-329	
10TFX-330	

^{*} These vessels will not be vented to Flare 10FLR-005 until the vent streams are rerouted to the flare. This shall occur within 180 days after July 15, 2016.

- B. During periods of Flare 10FLR-005 maintenance, the above-referenced storage tanks shall be vented to either Flare 10FLR-TMP (for up to two weeks per year) or Flare 10FLR-ALT (for up to 720 hours per year) and shall be maintained in a constant level operation, except that the PN Seal Flush Tank (10TFX327) and the Refining Organic Sump Tank (10TFX302) are not required to be maintained in a constant level operation when vented to Flare 10FLR-ALT. A tank variation of 2 percent per day (as recorded by the percent tank level computer variable) shall be allowed to account for temperature variations, safety checks, and maintenance. These tanks are exempt from the constant level requirement during periods of deinventory and/or cleaning as required for internal inspections or maintenance.
- 14. Storage tanks are subject to the following requirements.
 - A. Uninsulated tank exterior surfaces exposed to the sun shall be white, stainless steel, or aluminum. Storage tanks must be equipped with permanent submerged fill pipes.
 - B. The permit holder shall maintain an emissions record which includes calculated emissions of VOC from all storage tanks during the previous calendar month and the past consecutive 12-month period. The record shall include tank identification number, control method used, tank capacity in gallons, name of the material stored, VOC molecular weight, VOC monthly average temperature in degrees Fahrenheit, VOC vapor pressure at the monthly average material temperature in psia, VOC throughput for the previous month and 12-month period. Records of VOC monthly average temperature are not required to be kept for unheated tanks which receive liquids that are at or below ambient temperatures.
 - Tank emissions shall be calculated using the TCEQ publication titled "Technical Guidance Package for Chemical Sources Storage Tanks."
 - C. Storage tank throughput and service shall be limited to the representations in the attachment to the confidential letter dated July 9, 2010 from the permit holder to TCEQ and containing supplemental information for this SC and is superseded by any updated representations in the permit application dated March 9, 2015 and subsequent submittals concerning the amendment of this permit. **(07/16)**
- 15. Particulate matter grain loading shall not exceed 0.01 grain per dscf of air from vents 10FLT-063 and 10FLT-063A. There shall be no visible emissions from these vents for a time period exceeding a total of 30 seconds in any six-minute period as determined using EPA Test Method 22.

16. The vents covered by this permit shall not operate unless control devices and associated equipment are maintained in good working order and operating. Vents 10FLT-063 and 10FLT-063A will be inspected for visible emissions daily when in operation and a spareparts filter inventory will be maintained on-site. Records shall be maintained of all inspections and maintenance performed.

Leak Detection and Repair Program

17. Piping, Valves, Connectors, Pumps, Agitators, and Compressors - 28VHP (07/11)

Except as may be provided for in the special conditions of this permit, the following requirements apply to the above-referenced equipment:

A. These conditions shall not apply where the (1) VOC has an aggregate partial pressure or vapor pressure of less than 0.044 pound per square inch, absolute (psia) at 68° F or (2) operating pressure is at least 5 kilopascals (0.725 psi) below ambient pressure. Equipment excluded from this condition shall be identified in a list or by one of the methods described below to be made readily available upon request.

The exempted components may be identified by one or more of the following methods:

- (1) piping and instrumentation diagram (PID);
- (2) a written or electronic database;
- (3) color coding;
- (4) a form of weatherproof identification; or
- (5) designation of exempted process unit boundaries.
- B. Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes.
- C. New and reworked underground process pipelines shall contain no buried valves such that fugitive emission monitoring is rendered impractical. New and reworked buried connectors shall be welded.
- D. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be so located to be reasonably accessible for leak-checking during plant operation. Difficult-to-monitor and unsafe-to-monitor valves, as defined by Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115), shall be identified in a list to be made readily available upon request. The difficult-to-monitor and unsafe-to-monitor valves may be identified by one or more of the methods described in Subparagraph A above. If an unsafe-to-monitor component is not considered safe to monitor within a calendar year, then it shall be monitored as soon as possible during safe-to-monitor times. A difficult-to-monitor component for which quarterly monitoring is specified may instead be monitored annually.

E. New and reworked piping connections shall be welded or flanged. Screwed connections are permissible only on piping smaller than two-inch diameter. Gas or hydraulic testing of the new and reworked piping connections at no less than operating pressure shall be performed prior to returning the components to service or they shall be monitored for leaks using an approved gas analyzer within 15 days of the components being returned to service. Adjustments shall be made as necessary to obtain leak-free performance. Connectors shall be inspected by visual, audible, and/or olfactory means at least weekly by operating personnel walk-through.

Each open-ended valve or line shall be equipped with an appropriately sized cap, blind flange, plug, or a second valve to seal the line. Except during sampling, both valves shall be closed. If the removal of a component or equipment for repair or replacement results in an open ended line or valve, it is exempt from the requirement to install a cap, blind flange, plug, or second valve for 72 hours. If the repair or replacement is not completed within 72 hours, the permit holder must complete either of the following actions within that time period;

- (1) a cap, blind flange, plug, or second valve must be installed on the line or valve; or
- (2) the open-ended valve or line shall be monitored once for leaks above background for a plant or unit turnaround lasting up to 45 days with an approved gas analyzer and the results recorded. For all other situations, the open-ended valve or line shall be monitored once at the end of the 72 hour period following the creation of the open ended line and monthly thereafter with an approved gas analyzer and the results recorded. For turnarounds and all other situations, leaks are indicated by readings 500 ppmv above background and must be repaired within 24 hours or a cap, blind flange, plug, or second valve must be installed on the line or valve.
- F. Accessible valves shall be monitored by leak-checking for fugitive emissions at least quarterly using an approved gas analyzer. Sealless/leakless valves (including, but not limited to, welded bonnet bellows and diaphragm valves) and relief valves equipped with a rupture disc upstream or venting to a control device are not required to be monitored. For valves equipped with rupture discs, a pressure-sensing device shall be installed between the relief valve and rupture disc to monitor disc integrity. All leaking discs shall be replaced at the earliest opportunity but no later than the next process shutdown.

A check of the reading of the pressure-sensing device to verify disc integrity shall be performed weekly and recorded in the unit log or equivalent. Pressure-sensing devices that are continuously monitored with alarms are exempt from recordkeeping requirements specified in this paragraph.

The gas analyzer shall conform to requirements listed in Method 21 of 40 CFR Part 60, Appendix A. The gas analyzer shall be calibrated with methane. In addition, the response factor of the instrument for a specific VOC of interest shall be determined and meet the requirements of Section 8 of Method 21. If a mixture of VOCs are being monitored, the response factor shall be calculated for the average composition of the process fluid. If a response factor less than 10 cannot be achieved using methane, then the instrument may be calibrated with one of the VOC to be measured or any other VOC so long as the instrument has a response factor of less than 10 for each of the VOC to be measured.

Replacements for leaking components shall be re-monitored within 15 days of being placed back into VOC service.

- G. Except as may be provided for in the special conditions of this permit, all pump, compressor, and agitator seals shall be monitored with an approved gas analyzer at least quarterly or be equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal. Seal systems designed and operated to prevent emissions or seals equipped with an automatic seal failure detection and alarm system need not be monitored. These seal systems may include (but are not limited to) dual pump seals with barrier fluid at higher pressure than process pressure, seals degassing to vent control systems kept in good working order, or seals equipped with an automatic seal failure detection and alarm system. Submerged pumps or sealless pumps (including, but not limited to, diaphragm, canned, or magnetic-driven pumps) may be used to satisfy the requirements of this condition and need not be monitored.
- H. Damaged or leaking valves or connectors found to be emitting VOC in excess of 500 parts per million by volume (ppmv) or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. Damaged or leaking pump, compressor, and agitator seals found to be emitting VOC in excess of 2,000 ppmv or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. A first attempt to repair the leak must be made within 5 days. Records of the first attempt to repair shall be maintained.
- Every reasonable effort shall be made to repair a leaking component, as specified in I. this paragraph, within 15 days after the leak is found. If the repair of a component would require a unit shutdown that would create more emissions than the repair would eliminate, the repair may be delayed until the next scheduled shutdown. All leaking components which cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging within 15 days of the detection of the leak. A listing of all components that qualify for delay of repair shall be maintained on a delay of repair list. The cumulative daily emissions from all components on the delay of repair list shall be estimated by multiplying by 24 the mass emission rate for each component calculated in accordance with the instructions in 30 TAC § 115.782 (c)(1)(B)(i)(II). The calculations of the cumulative daily emissions from all components on the delay of repair list shall be updated within ten days of when the latest leaking component is added to the delay of repair list. When the cumulative daily emission rate of all components on the delay of repair list times the number of days until the next scheduled unit shutdown is equal to or exceeds the total emissions from a unit shutdown as calculated in accordance with 30 TAC § 115.782 (c)(1)(B)(i)(I), the TCEQ Regional Manager and any local programs shall be notified

- and may require early unit shutdown or other appropriate action based on the number and severity of tagged leaks awaiting shutdown. This notification shall be made within 15 days of making this determination.
- J. Records of repairs shall include date of repairs, repair results, justification for delay of repairs, and corrective actions taken for all components. Records of instrument monitoring shall indicate dates and times, test methods, and instrument readings. Records of physical inspections shall be noted in the operator's log or equivalent.
- K. Alternative monitoring frequency schedules of 30 TAC §§ 115.352 115.359 or National Emission Standards for Organic Hazardous Air Pollutants, 40 CFR Part 63, Subpart H, may be used in lieu of Items F through G of this condition.
- L. Compliance with the requirements of this condition does not assure compliance with requirements of 30 TAC Chapter 115, an applicable New Source Performance Standard (NSPS), or an applicable NESHAPS and does not constitute approval of alternative standards for these regulations.
- 18. Piping, Valves, Pumps, and Compressors in Ammonia (NH₃) and/or Hydrogen Cyanide (HCN) Service **(01/08)**
 - A. Audio, olfactory, and visual checks for leaks within the operating area shall be made once per 12-hour shift.
 - B. Immediately, but no later than one hour upon detection of a leak, plant personnel shall take the following actions:
 - (1) Commence isolation of the leak,
 - (2) Commence repair or replacement of the leaking component, or
 - (3) use a leak collection/containment system to collect/contain the leak until repair or replacement can be made if immediate repair is not possible.
 - Date and time of each inspection shall be noted in the operator's log or equivalent. Records shall be maintained at the plant site of all repairs and replacements made due to leaks. These records shall be made available to representatives of the TCEQ upon request.

Cooling Tower

19. The VOC associated with cooling tower water shall be monitored monthly with an air stripping system meeting the requirements of the TCEQ Sampling Procedures Manual, Appendix P (dated January 2003 or a later edition), or an approved equivalent sampling method. The results of the monitoring, cooling water flow rate, and maintenance activities performed on the cooling water system shall be recorded. The monitoring results and cooling water hourly mass flow rate shall be used to determine cooling tower hourly VOC emissions. The rolling 12-month cooling water emission rate shall be recorded on a monthly basis and be determined by summing the VOC emissions between VOC monitoring periods over the rolling 12-month period. The emissions between VOC monitoring periods shall be obtained by multiplying the total cooling water mass flow between cooling water monitoring periods by the higher of the two VOC monitoring results. (01/08)

20. The conductivity of the Cooling Tower, EPN 10CLT-040, water shall be monitored at least once per day. If the conductivity of the cooling tower water exceeds 3,000 μmho/cm (μS/cm), corrective action shall be taken to reduce the conductivity to less than 3,000 μS/cm. Dissolved solids in the cooling water drift are considered to be emitted as PM₁₀. Cooling tower water shall be sampled once per quarter for total dissolved solids (TDS). Sampling shall use EPA Method 160.1, ASTM D5907, or SM 2540 C [SM - 19th edition of Standard Methods for Examination of Water] for TDS analysis of the cooling water. Other methods may not be used unless they have been approved by the TCEQ Air Permits Division prior to implementation. The Cooling Tower, EPN 10CLT 040, shall operate with drift eliminators that achieve less than or equal to 0.001 percent drift. (08/12)

Records of conductivity monitoring shall be maintained at the site and shall include (but not limited to) the following:

- A. Date and time of conductivity readings,
- B. Conductivity readings (uS/cm),
- C. Date, time, and description of any corrective actions that may be necessary.

Maintenance, Startup, and Shutdown (MSS) Activities

- 21. This permit authorizes emissions from the HCN converter start-up flares (EPNs 10FLR-001, 10FLR-002, 10FLR-003, and 10FLR-003A) for the following planned MSS activities of the HCN synthesis converters: **(01/08)**
 - A. A maximum of 36 shutdowns and 36 start-ups (including pre-light-off and post-light-off) per year of all authorized HCN converters,
 - B. A maximum of 4 train interlocks per year with a maximum of 24 hours for each train interlock activity,
 - C. A maximum of 24 Converter interlock activities per year,
 - D. Routine maintenance of NH₃ and HCN trains with two converters at a minimum flow for 4 hours per activity, 4 times per year.
- 22. This permit authorizes emissions from the Ammonia Startup Flare (EPN 10FLR-004) for the following planned MSS activities: **(07/11)**
 - A. Eight pressure testing activities of the ammonia train per year,
 - B. Eight water stripping of ammonium salt solution activities per year,
 - C. Eight start-ups (including pre-light off and post-light off) and four shutdowns associated with NH₂ Train clearup and NH₂ Feed Prep activities per year,
 - D. Eight NH₃ strip out activities per year (including maintenance of NH₃ Train quality, and water boiling of the NH₃ Train),
 - E. Eight NH. Train NaCN washing activities per year, and
 - F. Eight NH_a Feed Prep activities per year.

- 23. This permit authorizes emissions from the Ammonia Tank Flare (EPN 10FLR-004A) for 48 hours per year for No. 3 compressor maintenance activities, 16 hours per year for receiver vessel skid maintenance activities, and 16 hours per year for air cooler condenser maintenance activities. (01/08)
- 24. This permit authorizes emissions from the Butadiene Flare (EPN 10FLR-004B) for the following planned MSS activities: **(01/08)**
 - A. Annual inspection of barge docks,
 - B. Butadiene sphere sampling limited to one sample per week per sphere,
 - C. Thirty-six hours per year of sphere pump maintenance,
 - D. Butadiene sphere annual inspections,
 - E. Two venting events per year to reduce buildup of non-condensables from butadiene spheres.
- 25. This permit authorizes emissions from the Adiponitrile Flare (EPN 10FLR-005) for the following planned MSS activities: **(07/16)**
 - A. Annual plant turnaround including associated start-up and shutdown,
 - B. Periodic MSS activities as represented in the ADN Operating Flare and MSS sections of the permit amendment application dated October 6, 2006 as revised May 2, 2007,
 - C. BD Column venting 14 days per year during boiler shutdown for maintenance,
 - D. BD Column deinventory 14 days per year for maintenance,
 - E. Eight HCN Train stripping activities per year,
 - F. Eight activities per year for establishing dry flow of HCN,
 - G. Pressure test the HCN Train eight times per year,
 - H. Pressure test the PSA Unit eight times per year,
 - I. Clearup of the butadiene filter five times per year,
 - J. C4 Purge to BD Column, 144 hours per year, and
 - K. Recycling (flywheeling) of the HCN unit eight times per year.
- 26. This permit authorizes emissions from the Temporary Flare (EPN 10FLR-TMP), for 336 hours per year, and the Flare EPN 10FLR-ALT, for 720 hours per year, for the shutdown of the ADN Operating Flare (EPN 10FLR-005) during a planned ADN Unit shutdown. **(07/16)**
- 27. This permit authorizes emissions from the HCN Pump tank scrubber and the associated closed sump (EPN 10VNT-255), for planned HCN Train water boil activity for 12 hours per year, and for planned HCN Unit activity that increase the scrubbing liquid temperature to a maximum of 65 °C for 432 hours per year. (12/16)

- 28. This permit authorizes emissions from EPNs 10MSS-001 and 10MSS-002 from the following categories as more specifically represented in the October 6, 2006, permit amendment application as revised May 2, 2007, the MSS permit amendment application dated January 4, 2008 and subsequent submittals concerning that amendment and in the permit application dated March 9, 2015 and subsequent submittals concerning that amendment: (07/16)
 - A. Maintenance activities for relief valves, conservation vents, vacuum breakers, flame arrestors, and emergency vents,
 - B. Annual plant turnaround, and
 - C. Periodic maintenance activities, including associated shutdown and startup.
- 29. Any gas or vapor removed from process equipment or storage vessels must be routed to Adiponitrile Flare (EPN 10FLR-005) or other appropriate control device, if the cumulative air contaminant partial pressure is greater than 0.50 psi at the normal process temperature or 95° F. Control must be maintained until the VOC concentration is less than 34,000 ppmv as methane. The process equipment or storage vessels shall be depressurized to the Adiponitrile Flare or other appropriate control device prior to degassing. The facilities shall be degassed using good engineering practice or purged using at least two system volumes of purge gas to ensure air contaminants are removed from the system through the Adiponitrile Flare or other appropriate control device to the extent allowed by process equipment or storage vessel design. (07/11)
- 30. This permit authorizes the emissions for the planned MSS activities summarized in the MSS Activity Summary (Attachment C) attached to this permit. **(07/11)**

Attachment A identifies the inherently low emitting MSS activities that may be performed at the plant. Emissions from activities identified in Attachment A shall be considered to be equal to the potential to emit represented in the permit application. The estimated emissions from the activities listed in Attachment A must be revalidated annually. This revalidation shall consist of the estimated emissions for each type of activity and the basis for that emission estimate.

Routine maintenance activities, as identified in Attachment B may be tracked through the work orders or equivalent. Emissions from activities identified in Attachment B shall be calculated using the number of work orders or equivalent that month and the emissions associated with that activity identified in the permit application.

This permit authorizes emissions from the following temporary facilities used to support planned MSS activities at permanent site facilities: frac tanks, containers, vacuum trucks, facilities used for painting or abrasive blasting, portable control devices identified in SC No. 36, and controlled recovery systems. Emissions from temporary facilities are authorized provided the temporary facility (a) does not remain on the plant site for more than 12 consecutive months, (b) is used solely to support planned MSS activities at the permanent site facilities listed in this Attachment, and (c) does not operate as a replacement for an existing authorized facility.

The performance of each planned MSS activity not identified in Attachments A or B and the emissions associated with it shall be recorded and include at least the following information:

- A. the process unit at which emissions from the MSS activity occurred, including the emission point number and common name of the process unit;
- B. the type of planned MSS activity and the reason for the planned activity;
- C. the common name and the facility identification number, if applicable, of the facilities at which the MSS activity and emissions occurred;
- D. the date and time of the MSS activity and its duration;
- E. the estimated quantity of each air contaminant, or mixture of air contaminants, emitted with the data and methods used to determine it. The emissions shall be estimated using the methods identified in the permit application, consistent with good engineering practice.
 - All MSS emissions shall be summed monthly and the rolling 12-month emissions shall be updated on a monthly basis.
- 31. Process units and facilities, with the exception of those identified in SC Nos. 33, 34, and Attachment A shall be depressurized, emptied, degassed, and placed in service in accordance with the following requirements. (07/11)
 - A. The process equipment shall be depressurized to a control device or a controlled recovery system prior to venting to atmosphere, degassing, or draining liquid. Equipment that only contains material that is liquid with VOC partial pressure less than 0.50 psi at the normal process temperature and 95°F may be opened to atmosphere and drained in accordance with paragraph C of this special condition. The vapor pressure at 95°F may be used if the actual temperature of the liquid is verified to be less than 95°F and the temperature is recorded.
 - B. If mixed phase materials must be removed from process equipment, the cleared material shall be routed to a knockout drum or equivalent to allow for managed initial phase separation. If the VOC partial pressure is greater than 0.50 psi at either the normal process temperature or 95°F, any vents in the system must be routed to a control device or a controlled recovery system. The vapor pressure at 95°F may be used if the actual temperature of the liquid is verified to be less than 95°F and the temperature is recorded. Control must remain in place until degassing has been completed or the system is no longer vented to atmosphere.
 - C. All liquids from process equipment or storage vessels must be removed to the maximum extent practical prior to opening equipment to commence degassing and/or maintenance. Liquids must be drained into a closed vessel or closed liquid recovery system unless prevented by the physical configuration of the equipment. If it is necessary to drain liquid into an open pan or sump, the liquid must be covered or transferred to a covered vessel within one hour of being drained.

- D. If the VOC partial pressure is greater than 0.50 psi at the normal process temperature or 95°F, facilities shall be degassed using good engineering practice to ensure air contaminants are removed from the system through the control device or controlled recovery system to the extent allowed by process equipment or storage vessel design. The vapor pressure at 95°F may be used if the actual temperature of the liquid is verified to be less than 95°F and the temperature is recorded. The facilities to be degassed shall not be vented directly to atmosphere, except as necessary to establish isolation of the work area or to monitor VOC concentration following controlled depressurization. The venting shall be minimized to the maximum extent practicable and actions taken recorded. The control device or recovery system utilized shall be recorded with the estimated emissions from controlled and uncontrolled degassing calculated using the methods that were used to determine allowable emissions for the permit application.
 - (1) For MSS activities identified in Attachment B, the following option may be used in lieu of (2) below. The facilities being prepared for maintenance shall not be vented directly to atmosphere until the VOC concentration has been verified to be less than 10 percent of the lower explosive limit (LEL) per the site safety procedures.
 - The locations and/or identifiers where the purge gas or steam enters the (2) process equipment or storage vessel and the exit points for the exhaust gases shall be recorded. If the process equipment is purged with a gas, two system volumes of purge gas must have passed through the control device or controlled recovery system before the vent stream may be sampled to verify acceptable VOC concentration prior to uncontrolled venting. The VOC sampling and analysis shall be performed using an instrument meeting the requirements of SC No. 32. The sampling point shall be upstream of the inlet to the control device or controlled recovery system. The sample ports and the collection system must be designed and operated such that there is no air leakage into the sample probe or the collection system downstream of the process equipment or vessel being purged. If there is not a connection (such as a sample, vent, or drain valve) available from which a representative sample may be obtained, a sample may be taken upon entry into the system after degassing has been completed. The sample shall be taken from inside the vessel so as to minimize any air or dilution from the entry point. The facilities shall be degassed to a control device or controlled recovery system until the VOC concentration is less than 10,000 ppmv or 10 percent of the LEL. Documented site procedures used to de-inventory equipment to a control device for safety purposes (i.e., hot work or vessel entry procedures) that achieve at least the same level of purging may be used in lieu of the above.
- E. Gases and vapors with VOC partial pressure greater than 0.50 psi may be vented directly to atmosphere if all the following criteria are met:
 - (1) It is not technically practicable to depressurize or degas, as applicable, into the process.
 - (2) There is not an available connection to a plant control system (flare).
 - (3) There is no more than 50 lb of air contaminant to be vented to atmosphere during shutdown or startup, as applicable.

All instances of venting directly to atmosphere per E of this condition must be documented when occurring as part of any MSS activity. The emissions associated with venting without control must be included in the work order or equivalent for those planned MSS activities identified in Attachment B.

- 32. Air contaminant concentration shall be measured using an instrument/detector meeting one set of requirements specified below. (07/11)
 - A. VOC concentration shall be measured using an instrument meeting all the requirements specified in EPA Method 21 (40 CFR Part 60, Appendix A) with the following exceptions:
 - (1) The instrument shall be calibrated within 24 hours of use with a calibration gas such that the response factor (RF) of the VOC (or mixture of VOCs) to be monitored shall be less than 2.0. The calibration gas and the gas to be measured, and its approximate (RF) shall be recorded. If the RF of the VOC (or mixture of VOCs) to be monitored is greater than 2.0, the VOC concentration shall be determined as follows:
 - VOC Concentration = Concentration as read from the instrument*RF In no case should a calibration gas be used such that the RF of the VOC (or mixture of VOCs) to be monitored is greater than 5.0.
 - (2) Sampling shall be performed as directed by this permit in lieu of Section 8.3 of Method 21. During sampling, data recording shall not begin until after two times the instrument response time. The date and time shall be recorded, and VOC concentration shall be monitored for at least 5 minutes, recording VOC concentration each minute. As an alternative the VOC concentration may be monitored over a five-minute period with an instrument designed to continuously measure concentration and record the highest concentration read. The highest measured VOC concentration shall be recorded and shall not exceed the specified VOC concentration limit prior to uncontrolled venting.
 - (3) If a TVA-1000 series Flame Ionization Detector (FID) analyzer calibrated with methane is used to determine the VOC concentration, a measured concentration of 34,000 ppmv may be considered equivalent to 10,000 ppmv as VOC.
 - B. Colorimetric gas detector tubes may be used to determine air contaminant concentrations if they are used in accordance with the following requirements.
 - (1) The air contaminant concentration measured as defined in (3) is less than 80 percent of the range of the tube and is at least 20 percent of the maximum range of the tube.
 - (2) The tube is used in accordance with the manufacturer's guidelines.
 - (3) At least 2 samples taken at least 5 minutes apart must satisfy the following prior to uncontrolled venting:
 - measured contaminant concentration (ppmv) < release concentration.
 - Where the release concentration is:

10,000*mole fraction of the total air contaminants present that can be detected by the tube

The mole fraction may be estimated based on process knowledge. The release concentration and basis for its determination shall be recorded.

Records shall be maintained of the tube type, range, measured concentrations, and time the samples were taken.

- C. Lower explosive limit measured with a lower explosive limit detector.
 - (1) The detector shall be calibrated monthly with a certified pentane gas standard at 25% of the lower explosive limit (LEL) for pentane. Records of the calibration date/time and calibration result (pass/fail) shall be maintained.
 - (2) A daily functionality test shall be performed on each detector using a certified gas standard at 25% of the LEL for pentane. The LEL monitor shall read no lower than 90% of the calibration gas certified value. Records, including the date/time and test results, shall be maintained.
 - (3) A certified methane gas standard equivalent to 25% of the LEL for pentane may be used for calibration and functionality tests provided that the LEL response is within 95% of that for pentane.
- 33. Fixed roof storage tanks are subject to the following requirements: (07/11)
 - A. The tank shall not be opened or ventilated without control, to minimize air circulation in the tank vapor space, except as allowed by (1) or (2) below, until one of the criteria in part B of this condition is satisfied.
 - (1) One manway may be opened to allow access to the tank to remove or devolatilize the remaining liquid. Other manways or access points may be opened as necessary to remove or de-volatilize the remaining liquid. Wind barriers shall be installed at all open manways and access points to minimize air flow through the tank.
 - (2) Access points shall be closed when not in use.
 - B. The tank may be opened without restriction and ventilated without control, after all standing liquid has been removed from the tank or the liquid remaining in the tank has a VOC partial pressure less than 0.02 psia. These criteria shall be demonstrated in any one of the following ways.
 - (1) Low VOC partial pressure liquid that is soluble with the liquid previously stored may be added to the tank to lower the VOC partial pressure of the liquid mixture remaining in the tank to less than 0.02 psia. This liquid shall be added during tank degassing if practicable. The estimated volume of liquid remaining in the drained tank and the volume and type of liquid added shall be recorded. The liquid VOC partial pressure may be estimated based on this information and engineering calculations.
 - (2) If water is added or sprayed into the tank to remove standing VOC, one of the following must be demonstrated:

- (a) Take a representative sample of the liquid remaining in the tank and verify no visible sheen using the static sheen test from 40 CFR 435 Subpart A Appendix 1.
- (b) Take a representative sample of the liquid remaining in the tank and verify hexane soluble VOC concentration is less than 1000 ppmw using EPA method 1664 (may also use 8260B or 5030 with 8015 from SW-846).
- (c) Stop ventilation and close the tank for at least 24 hours. When the tank manway is opened after this period, verify VOC concentration is less than 1000 ppmv through the procedure in SC No. 32.
- (3) No standing liquid verified through visual inspection.

The permit holder shall maintain records to document the method used to release the tank.

- C. If the ventilation of the vapor space is controlled, the emission control system shall meet the following requirements:
 - (1) Any gas or vapor removed from the vapor space under the fixed roof must be routed to a control device or a controlled recovery system and controlled degassing must be maintained until the VOC concentration is less than 10,000 ppmv or 10 percent of the LEL. The locations and identifiers of vents other than permanent roof fittings and seals, control device or controlled recovery system, and controlled exhaust stream shall be recorded. There shall be no other gas/vapor flow out of the vapor space under the fixed roof when degassing to the control device or controlled recovery system.
 - (2) The vapor space under the fixed roof shall be vented using good engineering practice to ensure air contaminants are flushed out of the tank through the control device or controlled recovery system to the extent allowed by the storage tank design.
 - (3) A volume of purge gas equivalent to twice the volume of the vapor space under the fixed roof must have passed through the control device or into a controlled recovery system, before the vent stream may be sampled to verify acceptable VOC concentration. The measurement of purge gas volume shall not include any make-up air introduced into the control device or recovery system. The VOC sampling and analysis shall be performed as specified in SC No. 32.
 - (4) The sampling point shall be upstream of the inlet to the control device or controlled recovery system. The sample ports and the collection system must be designed and operated such that there is no air leakage into the sample probe or the collection system downstream of the process equipment or vessel being purged.
 - (5) Degassing must be performed every 24 hours unless there is no standing liquid in the tank or the VOC partial pressure of the remaining liquid in the tank is less than 0.15 psia.
- D. Records shall be maintained as follows:

- (1) For the purpose of estimating emissions, the date, time, and other information specified for each of the following events:
 - (a) start and completion of controlled degassing, and total volumetric flow,
 - (b) all standing liquid was removed from the tank or any transfers of low VOC partial pressure liquid to or from the tank including volumes and vapor pressures to reduce tank liquid VOC partial pressure to <0.02 psi, and
 - (c) if there is liquid in the tank, VOC partial pressure of liquid, start and completion of uncontrolled degassing, and total volumetric flow.
- (2) The estimated quantity of each air contaminant, or mixture of air contaminants, emitted in the events listed in D.1 of this condition, with the data and methods used to determine it. The emissions associated with MSS activities shall be calculated using the methods described in Section 7.1.3.2 of AP-42 "Compilation of Air Pollution Emission Factors, Chapter 7 Storage of Organic Liquids" dated November 2006 and the permit application.
- E. Each fixed roof tank containing liquid with a VOC partial pressure which is less than 0.02 psia at the maximum stored liquid temperature may be opened without restriction and ventilated without control, and shall be subject to the following:
 - (1) Parts A, B, C, and D of this condition do not apply.
 - (2) The permit holder shall maintain a record which includes:
 - (a) tank identification number, name of the material stored, and VOC vapor pressure, in psia, at the maximum stored liquid temperature, and
 - (b) estimated quantity of each air contaminant, or mixture of air contaminants, emitted during MSS activities, with the data and methods used to determine it. The emissions shall be calculated using the methods described in Section 7.1.3.2 of AP-42 "Compilation of Air Pollution Emission Factors, Chapter 7 Storage of Organic Liquids" dated November 2006 and the permit application.
- 34. The following requirements apply to frac, or temporary, tanks and vessels used in support of MSS activities. (07/11)
 - A. The exterior surfaces of these tanks/vessels that are exposed to the sun shall be white or aluminum effective May 1, 2013. This requirement does not apply to tanks/vessels that only vent to atmosphere when being filled, sampled, gauged, or when removing material.
 - B. These tanks/vessels must be covered and equipped with fill pipes that discharge within 6 inches of the tank/vessel bottom.
 - C. These requirements do not apply to vessels storing less than 450 gallons of liquid that are closed such that the vessel does not vent to atmosphere except when filling, sampling, gauging, or when removing material.
 - D. The permit holder shall maintain an emissions record which includes calculated emissions of VOC from all frac tanks during the previous calendar month and the

past consecutive 12 month period. This record shall be updated with all data of a month by the last day of the following month. The record shall include tank identification number, dates put into and removed from service, control method used, tank capacity and volume of liquid stored in gallons, name of the material stored, VOC molecular weight, and VOC partial pressure at the estimated monthly average material temperature in psia. Filling emissions for tanks shall be calculated using the TCEQ publication titled "Technical Guidance Package for Chemical Sources - Loading Operations" and standing emissions determined using: the TCEQ publication titled "Technical Guidance Package for Chemical Sources - Storage Tanks."

- 35. Additional occurrences of MSS activities authorized by this permit may be authorized under permit by rule only if conducted in compliance with this permit's procedures, emission controls, monitoring, and recordkeeping requirements applicable to the activity. (07/11)
- 36. Control devices required by this permit for emissions from planned MSS activities are limited to those types identified in this condition. Control devices shall be operated with no visible emissions except periods not to exceed a total of five minutes during any two consecutive hours. Each device used must meet all the requirements identified for that type of control device. (07/11)

Controlled recovery systems identified in this permit shall be directed to an operating process or to a collection system that is vented through a control device meeting the requirements of this permit condition.

- A. The plant flare system. Flares used to control emissions from planned MSS activities shall comply with SC No. 7.
- B. Carbon Adsorption System (CAS).
 - (1) The CAS shall consist of 2 carbon canisters in series with adequate carbon supply for the emission control operation.
 - (2) The CAS shall be sampled downstream of the first can and the concentration recorded at least once every hour of CAS run time to determine breakthrough of the VOC. The sampling frequency may be extended using either of the following methods:
 - (a) It may be extended to up to 30 percent of the minimum potential saturation time for a new can of carbon. The permit holder shall maintain records including the calculations performed to determine the minimum saturation time
 - (b) The carbon sampling frequency may be extended to longer periods based on previous experience with carbon control of a MSS waste gas stream. The past experience must be with the same VOC, type of facility, and MSS activity. The basis for the sampling frequency shall be recorded. If the VOC concentration on the initial sample downstream of the first carbon canister following a new polishing canister being put in place is greater than 100 ppmv above background, it shall be assumed that breakthrough

occurred while that canister functioned as the final polishing canister and a permit deviation shall be recorded.

- (3) The method of VOC sampling and analysis shall be by detector meeting the requirements of SC No. 32.
- (4) Breakthrough is defined as the highest measured VOC concentration at or exceeding 100 ppmv above background. Sufficient new activated carbon canisters shall be maintained at the site to replace spent carbon canisters as specified in this paragraph. When the condition of breakthrough of VOC from the initial saturation canister occurs, the holder of this permit shall implement one of the following alternatives:
 - (a) the waste gas flow shall be switched to the second canister and a fresh canister shall be placed as the new final polishing canister within four hours; or,
 - (b) the MSS activity shall cease until a fresh canister replaces the spent first canister.
- (5) Records of CAS monitoring shall include the following:
 - (a) Sample time and date.
 - (b) Monitoring results (ppmv).
 - (c) Canister replacement log.
- (6) Single canister systems are allowed if the time the carbon canister is in service is limited to no more than 30 percent of the minimum potential saturation time. The permit holder shall maintain records for these systems, including the calculations performed to determine the saturation time. The time limit on carbon canister service shall be recorded and the expiration date attached to the carbon can.
- 37. With the exception of the associated MAERT emission limits, SC Nos. 30 through 36 become effective 180 days after this permit has been issued. During this period, monitoring and recordkeeping shall satisfy the requirements of SC No. 30.A through 30.D. Emissions shall be estimated using good engineering practice and methods to provide reasonably accurate representations for emissions. The basis used for determining the quantity of air contaminants to be emitted shall be recorded. The permit holder may maintain abbreviated records of emissions from Attachments A and B activities as allowed in SC No. 30 rather than documenting all the information required by SC No. 30, Parts A through D. (07/11)

Compliance Assurance Monitoring (CAM)

- 38. The requirements which follow apply to the vapor capture systems for each of (i) the Converter Flares (EPNs 10FLR-001, 10FLR-002, 10FLR-003, and 10FLR-003A); (ii) the Butadiene Flare (EPN 10FLR-004B); and (iii) the Adiponitrile Flare (EPN 10FLR-005). (07/11)
 - A. The holder of this permit shall perform one of the following:

- (1) Conduct a once a month visual, audible, and/or olfactory inspection of the capture system to verify there are no leaking components in the capture system; or
- (2) Once a year, verify the capture systems are leak free by inspecting in accordance with 40 CFR Part 60, Appendix A, Test Method 21. Leaks shall be indicated by an instrument reading greater than or equal to 500 ppmv above background.
- B. The control device shall not have a bypass, unless it complies with either of the following requirements:
 - (1) Install a flow indicator that records and verifies zero flow at least once every 15 minutes immediately downstream of each valve that if opened would allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere; or
 - (2) Once a month, inspect the valves, verifying the position of the valves and the condition of the car seals prevent flow out the bypass.
- C. A deviation shall be reported if the monitoring or inspections under Section B. of this condition indicate bypass of the control device, except for periods in which the car seals have been removed because the control device is not in operation.
- D. Records of the inspections required shall be maintained and if the result of any of the above inspections is not satisfactory, the permit holder shall promptly take necessary corrective action.
- 39. Permit holders must keep records sufficient to demonstrate compliance with 30 Texas Administrative Code § 116.164. If construction, a physical change or a change in method of operation results in Prevention of Significant Deterioration (PSD) review for criteria pollutants, records shall be sufficient to demonstrate the amount of emissions of GHGs from the source as a result of construction, a physical change or a change in method of operation does not require authorization under 30 TAC §116.164(a). If there is construction, a physical change or change in the method of operation that will result in a net emissions increase of 75,000 tpy or more CO2e and PSD review is triggered for criteria pollutants, greenhouse gas emissions are subject to PSD review.

Date: December 30, 2016

Table 1 Permit Numbers 7186 and PSDTX1079 Tabulation of Relief Valves

Area	Equipment Number	
Building 4032	1441	
-	1442	
	1445	
	1600 (2 Valves)	
	5010 (2 Valves)	
Building 4035	1020	
-	1201	
	1510	
	1601	
	1602	
	1609 (2 Valves)	
	1612	
	1613	
	2103	
	2104 (3 Valves)	
Building 4042	1010	
	1020 (3 Valves)	
	1065	1102 (2 Valves)
	1105 (2 Valves)	
	1140 (3 Valves)	
	1145	1150 (3 Valves)
	1155	1165
	1180	1185
	1190 (4 Valves)	1195 (2 Valves)
	1500 (2 Valves)	1600 (4 Valves)
Building 4052	1205 (2 Valves)	1210 (2 Valves)
	1215 (3 Valves)	1220 (2 Valves)
	1230 (2 Valves)	1250
	1252 (2 Valves)	1255
	1260	1261
	1265	1266
	1270 (2 Valves)	1271 (2 Valves)
	1280	1281
	1290	
	1300	1339 (2 Valves)
	1340 (2 Valves)	1341 (3 Valves)
	1342	1345 (3 Valves)
	1500	1600 (2 Valves)
	1800	
Building 4062	1210 (2 Valves)	1211 (2 Valves)
	1220 (2 Valves)	1230 (2 Valves)
	1240 (2 Valves)	1250
	1260 (3 Valves)	1261

Table 1 Permit Numbers 7186, PSDTX1079M1, and GHGPSDTX145 Page 2 $\,$

Area	Equipment Number	
	1270 (2 Valves)	1280 (2 Valves)
	1285	1010
	1290	1295 (4 Valves)
	1370	1380 (2 Valves)
Building 4065	5000 (2 Valves)	5010 (2 Valves)
Building 4075	1000 (2 Valves)	1010 (2 Valves)
Building 4087	5000	5060 (2 Valves)
	5061 (2 Valves)	
Building 1563	1250 (2 Valves)	
Building 1561	1310 (2 Valves)	1340
	1500	
Building 3280	1600 (6 Valves)	

Date: <u>July 15, 2016</u>

Attachment A Permit Numbers 7186 and PSDTX1079 Inherently Low Emitting Activities

Activity			Emiss	sions	
	VOC	NO _x	СО	PM	H ₂ S/SO ₂
Management of sludge from pits, ponds, sumps, and water conveyances	X				
Aerosol Cans	X				
Calibration of analytical equipment	X		X		
Carbon can replacement	X				
Catalyst charging/handling				X	
Instrumentation/analyzer maintenance	X				
Meter proving	X				
Replacement of analyzer filters and screens	X				
Maintenance on water treatment systems (cooling, boiler, potable)	X				
Soap and other aqueous based cleaners	X				
Cleaning sight glasses	X				
Vacuum truck usage for sump/rain water	X				

Date: <u>July 15, 2016</u>

Attachment B Permit Numbers 7186 and PSDTX1079 Routine Maintenance Activities

Pump repair/replacement Fugitive component (valve, pipe, flange) repair/replacement Compressor repair/replacement Heat exchanger repair/replacement Vessel repair/replacement Cold and Hot Washes Drain decanting Frac tank activities Calandria activities Seal pot refilling Filter replacement Preventive maintenance Purging activities Train water and tank draining Converter maintenance Butadiene column venting Butadiene dock inspection Tank cleaning Relief Valve / Emergency Vent / Conservation Vent / Flame Arrestor Maintenance

Date: <u>July 5, 2011</u>

Attachment C Permit Numbers 7186 and PSDTX1079 MSS Activity Summary

Facilities	Description	Emissions Activity	EPN
all process units	Converter startup, shutdown, and interlocks of the Adiponitrile (ADN) Unit	vent to flares	10FLR001, 10FLR002, 10FLR003, 10FLR003A
all process units	Testing, startup, and shutdown of the ADN Unit	vent to flare	10FLR004
all process units	Startup and shutdown of the ADN Unit	vent to scrubber and closed sump	10VNT-255
all process units	Maintenance, startup, and shutdown of the ADN Unit	vent to flare	10FLR005 10FLR-004A, 10FLR-004B, 10FUG, 10FUGMSS2
ADN unit	Shutdown of the ADN Unit	vent to temporary or alternative flare	10FLR-TMP, 10FLR-ALT
all process units	Startup and shutdown of the ADN Unit	vent to atmosphere	10MSS-001
see Attachment A	Inherently low emitting activities	vent to atmosphere	10MSS-001, 10MSS- 002
see Attachment B	Routine maintenance activities	vent to atmosphere	10MSS-001, 10MSS- 002

Date: <u>July 15, 2016</u>

Permit Numbers 7186 and PSDTX1079M1

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No.	Source Name (2)	Air Contaminant Name	Emission Rates		
(1)		(3)	lbs/hour	TPY (4)	
10FLR-001	Converter Flares (7)	СО	1.29	5.66	
10FLR-002 10FLR-003		NH ₃	0.01	0.03	
10FLR-003A		NO _x	0.16	0.72	
		SO ₂	0.01	0.04	
		VOC	0.28	1.23	
10FLR-001	Converter Flares	СО	331.84	24.50	
10FLR-002 10FLR-003	MSS (8)	NH ₃	125.46	8.22	
10FLR-003A		NO _x	133.24	9.79	
		SO ₂	0.22	0.02	
		VOC	347.29	13.91	
10FLR-004	Ammonia Startup Flare	СО	0.19	0.80	
		NH ₃	0.05	0.20	
		NO _x	0.03	0.10	
		SO ₂	0.01	0.01	
		VOC	0.04	0.16	
10FLR-004	Ammonia Startup	СО	116.00	10.58	
	Flare MSS Emissions	NH ₃	95.80	8.75	
		NO _x	55.66	5.62	
		SO ₂	0.13	0.02	
		VOC	22.54	1.32	
10FLR-004A	Ammonia Tank	СО	0.77	2.10	
	Flare	NH ₃	0.47	0.80	
		NO _x	0.33	0.65	

Emission Point No.	Source Name (2)	Air Contaminant Name	Emission Rates		
(1)	Source Name (2)	(3)	lbs/hour	TPY (4)	
		SO_2	0.01	0.01	
		VOC	0.45	1.31	
10FLR-004A	Ammonia Tank	СО	22.08	0.68	
	Flare MSS Emissions	NH ₃	21.33	0.54	
		NO _x	15.10	0.37	
		SO_2	0.03	0.01	
		VOC	8.71	0.30	
10FLR-004B	Butadiene Flare	СО	9.32	10.51	
		NO _x	2.21	3.65	
		SO ₂	0.01	0.02	
		VOC	2.74	3.40	
10FLR-004B	Butadiene Flare MSS Emissions	СО	15.61	1.59	
		NO _x	5.23	0.29	
		SO_2	0.03	0.01	
		VOC	9.64	0.53	
10FLR-005	Adiponitrile Flare	СО	1,637.33	2,568.92	
		NH ₃	1.32	1.04	
		NO _x	140.91	184.18	
		SO_2	0.04	0.08	
		VOC	623.36	517.16	
10FLR-005	Adiponitrile Flare	СО	1,069.32	81.50	
	MSS Emissions	NH ₃	0.01	0.01	
		NO _x	231.63	14.00	
		SO_2	0.63	0.07	
		VOC	1,042.13	65.17	
10FLR-TMP	TEMP Flare (6)	CO	1.98	0.32	
		NH_3	0.05	0.01	

Emission Point No.	Corres Nove (a)	Air Contaminant Name	Emission Rates		
(1)	Source Name (2)	(3)	lbs/hour	TPY (4)	
		NO _x	0.41	0.07	
		SO_2	0.01	0.01	
		VOC	2.97	0.47	
10FLR-ALT	Alternative Flare for	СО	5.56	1.96	
	10FLR-005	NH3	0.05	0.02	
		NOx	0.89	0.29	
		SO2	<0.01	<0.01	
		VOC	6.36	2.18	
10FLRALTF	Fugitives from	NH3	0.02	0.01	
	Alternative Flare for 10FLR-005 (5)	VOC	1.89	0.01	
10CLT-040	Cooling Tower	NH ₃	3.83	16.75	
		PM ₁₀	1.10	4.21	
		VOC	3.83	16.75	
10FUG	ADN Fugitives (5)	СО	0.17	0.53	
		H ₂ S	0.01	0.01	
		NH ₃	2.48	8.07	
		VOC	53.85	194.03	
10FUG	ADN Fugitives (5)	СО	0.01	0.01	
	MSS Emissions	NH ₃	0.01	0.01	
		VOC	0.04	0.15	
10FUG2	311 Fugitives (5)	HCl	0.02	0.07	
		NH ₃	0.03	0.06	
		VOC	1.26	5.41	
10FUGMSS2	Ammonia Flare 10FLR004A, propane supplemental and pilot fuel	VOC	0.38	0.02	

Emission Point No.	Common Names (a)	Air Contaminant Name	Emission Rates		
(1)	Source Name (2)	(3)	lbs/hour	TPY (4)	
10MSS-001	MSS in ADN Area	СО	0.02	0.01	
	MSS Emissions	CL2	0.06	0.01	
		H2O2	0.01	0.01	
		HCl	0.08	0.01	
		NH ₃	2.13	0.02	
		VOC	164.93	3.23	
10MSS-002	MSS in 311 Area	HCl	6.26	0.06	
	MSS Emissions	NH ₃	2.20	0.05	
		VOC	7.32	0.42	
10FLT-063	Nickel Addition Bag Filter	PM ₁₀	0.01	0.01	
10FLT-063A	Nickel Powder Vacuum System	PM ₁₀	0.05	0.01	
10LBA-061B	ADN Barge Loading	VOC	0.18	0.06	
10LBA-061D	NH ₃ Barge Loading	NH ₃	0.69	0.05	
10LDR-326A	ADN Drum Loading	VOC	0.01	0.01	
10LDR-326B	2M3BN Drum Loading	VOC	0.01	0.01	
10LRC-041A	ADN Railcar Loading	VOC	0.02	0.02	
10LRC-041B	ADN Load/Unload	VOC	0.02	0.02	
10LRC-041C	ADN Railcar Loading	VOC	0.02	0.02	
10LRC-041E	MGN Railcar Loading	VOC	0.09	0.02	
10LRC-041F	2PN Railcar Degassing	VOC	9.42	0.18	
10LTR-036	REF MGN Truck Loading	VOC	0.04	0.02	
10LTR-056	No. 3 Tank Farm Truck Spot	VOC	4.57	0.15	
10LTR-057	2PN Truck	VOC	0.04	0.01	

Emission Point No.	Course Name (2)	Air Contaminant Name	Emission Rates		
(1)	Source Name (2)	(3)	lbs/hour	TPY (4)	
	Unloading				
10LTR-061	Truck Loading	VOC	3.42	0.70	
		NH ₃	0.05	0.02	
10LTR-062	Misc. Load/Unload	VOC	0.07	0.01	
10LTR-072	MDEA Truck Loading/Unloading	VOC	0.03	0.01	
10LTR-073	Methanol Brine Truck Loading	VOC	0.32	0.01	
10LTR-074	Anti-foulant Unloading	VOC	0.01	0.01	
10LTR-087	Oil Unloading	VOC	0.01	0.01	
10SCB-154	HCl Scrubber	HCl	0.38	0.05	
10TFX-010	Fresh Ligand Tank	VOC	0.01	0.01	
10TFX-025A	South WFE Feed Tank	VOC	10.88	3.72	
10TFX-025B	North WFE Feed Tank	VOC	10.88	3.72	
10TFX-027	REF ADN Tank No.	VOC	0.21	0.04	
10TFX-028	REF ADN Tank No. 2	VOC	0.21	0.04	
10TFX-029	REF ADN Tank No. 3	VOC	0.21	0.04	
10TFX-030	REF ADN Tank No.	VOC	0.21	0.04	
10TFX-031	REF ADN Tank No. 5	VOC	0.21	0.04	
10TFX-032	REF ADN Tank No.	VOC	0.21	0.04	
10TFX-032B	REF ADN Tank No. 7	VOC	0.10	0.12	
10TFX-033	North Raffinate Sphere	VOC	17.39	0.70	
10TFX-034A	Middle Raffinate Sphere	VOC	17.39	0.70	

Emission Point No.	Source Name (2)	Air Contaminant Name	Emission Rates		
(1)	Source Name (2)	(3)	lbs/hour	TPY (4)	
10TFX-034B	South Raffinate Sphere	VOC	17.39	0.70	
10TFX-035A	TG MGN Tank	VOC	1.49	0.56	
10TFX-036	REF MGN Tank	VOC	0.04	0.12	
10TFX-036A	Promoter PN Sphere	VOC	3.45	1.52	
10TFX-037	Crude DN/MGN Tank	VOC	0.07	0.02	
10TFX-037A	Crude MGN Sphere	VOC	0.31	0.11	
10TFX-038	Ethylene Glycol Tank	VOC	0.15	0.01	
10TFX-047	Methanol Tank	VOC	10.38	0.22	
10TFX-049A	Methanol Solution Mix Tank	VOC	1.32	0.03	
10TFX-049B	Methanol Solution Tank (20%)	VOC	1.26	0.01	
10TFX-049C	Methanol Solution Tank (70%)	VOC	0.37	0.01	
10TFX-059	Ammonium Salt Tank	NH ₃	0.08	0.01	
		VOC	0.02	0.01	
10TFX-067	Produced Water Tank	NH_3	0.03	0.02	
		VOC	0.01	0.01	
10TFX-080	Barge Dock REF ADN Tank	VOC	0.34	0.33	
10TFX-085	MDEA Amine Tank	VOC	0.01	0.01	
10TFX-086	Anti-foulant Tank	VOC	0.50	0.01	
10TFX-087	Oil Storage Skid	VOC	0.05	0.01	
10VNT-001	Feed Gas Analyzer	NH ₃	0.09	0.36	
	Vent	VOC	0.01	0.01	
10VNT-002	HCN Sample Blower	СО	0.01	0.01	
	Vent	NH ₃	0.19	0.01	
		VOC	0.26	0.01	

Emission Point No.	Source Name (2)	Air Contaminant Name	Emission Rates		
(1)		(3)	lbs/hour	TPY (4)	
10VNT-003	BD Column GCs	VOC	0.01	0.01	
10VNT-255	Pump Tank	СО	0.02	0.07	
	Scrubber and Closed Sump	VOC	0.14	0.53	
10VNT-255	Pump Tank Scrubber and	СО	0.01	0.01	
	Closed Sump MSS Emissions	VOC	66.80	0.68	
11TFX-036	HCN/HMD AWST	NH ₃	3.62	1.72	
		VOC	1.34	0.65	
11TFX-047	HCN/HMD HUT	NH ₃	1.47	0.87	
		VOC	0.55	0.33	
11TFX-048	Nitrile HUT	NH ₃	1.03	0.46	
		VOC	0.41	0.19	
11TFX-053	RPF Filtrate Tank No. 1	NH ₃	0.17	0.05	
		VOC	0.01	0.01	
11TFX-055	311 Area Wastewater Tank	NH ₃	0.21	0.06	
		VOC	0.05	0.02	
11SEP-055A	API Decanter	NH ₃	0.18	0.05	
		VOC	0.05	0.02	
11ODP-055B	Organics Dumpster	VOC	0.01	0.01	
11TFX-064	NETZ Filter Feed	NH ₃	0.39	0.28	
	Tank	VOC	0.17	0.13	
11TFX-070	NETZ Effluent Tank	NH ₃	0.47	0.31	
		VOC	0.20	0.14	
11TFX-076	Waste Collection	NH ₃	0.10	0.07	
	Tank	VOC	0.03	0.02	
11TFX-077	Waste Lift Tank	NH ₃	0.01	0.01	
		VOC	0.01	0.01	

Emission Point No.	Source Name (2)	Air Contaminant Name	Emission Rates	
(1)	1) Source Name (2)	(3)	lbs/hour	TPY (4)
11TFX-153	Precoat Tank No. 1	NH ₃	0.08	0.01
		VOC	0.03	0.01
10RPF-001	Rotary Precoat Filter No. 1	NH_3	1.93	3.44
		VOC	0.28	0.54
10RPF-002	RPF	NH_3	0.01	0.01
Conveyor/Bagg	Conveyor/Bagger 1	VOC	0.01	0.01
10RPF-005	RPF Diatomaceous Earth Loading	PM10	0.01	0.01

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources, use area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as

represented

 PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as

represented

PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter

CO - carbon monoxide

HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code

of Federal Regulations Part 63, Subpart C

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

- (6) This flare is authorized to operate for 336 hours per year and only when Flare 10FLR-005 is shut down for maintenance during an ADN unit turnaround. (01/08)
- (7) Only one converter can be in startup mode at a time.
- (8) Converter startups are limited to 36 total for all converters in a rolling 12-month period. (01/08)

Date:	July 15, 2016	

Permit Number GHGPSDTX145

This table lists the maximum allowable emission rates of greenhouse gas (GHG) emissions, as defined in Title 30 Texas Administrative Code § 101.1, for all sources of GHG air contaminants on the applicant's property that are authorized by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities authorized by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant	Emission Rates	
		Name (3)	TPY (4)	
10FLR-001 10FLR-002	Converter Flares	CO ₂ (5)	1,389.10	
10FLR-003 10FLR-003A		CH ₄ (5)	3.41	
101 ER-00311		N ₂ O (5)	0.02	
		CO ₂ e	1,480.31	
10FLR-001 10FLR-002	Converter Flares MSS	CO ₂ (5)	3,773.39	
10FLR-003 10FLR-003A	1100	CH ₄ (5)	7.44	
Tot Etc oogi		N ₂ O (5)	0.01	
		CO ₂ e	3,962.37	
10FLR-004	Ammonia Startup Flare	CO ₂ (5)	196.87	
		CH ₄ (5)	0.49	
		N ₂ O (5)	0.01	
		CO ₂ e	212.10	
10FLR-004	Ammonia Startup Flare MSS Emissions	CO ₂ (5)	1,673.50	
		CH ₄ (5)	4.13	
		N ₂ O (5)	0.01	
		CO ₂ e	1,779.73	
10FLR-004A	Ammonia Tank Flare	CO ₂ (5)	466.97	
		CH ₄ (5)	8.40	
		N ₂ O (5)	0.01	
		CO ₂ e	679.95	

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			TPY (4)	
10FLR-004A	Ammonia Tank Flare MSS Emissions	CO ₂ (5)	118.03	
	WISS EIIIISSIOIIS	CH ₄ (5)	0.10	
		N ₂ O (5)	0.01	
		CO ₂ e	123.51	
10FLR-004B	Butadiene Flare	CO ₂ (5)	4,171.65	
		CH ₄ (5)	10.25	
		N ₂ O (5)	0.01	
		CO ₂ e	4,430.88	
10FLR-004B	Butadiene Flare MSS Emissions	CO ₂ (5)	460.53	
	WISS EIIIISSIOIIS	CH ₄ (5)	1.08	
		N ₂ O (5)	0.01	
		CO ₂ e	490.51	
10FLR-005	Adiponitrile Flare	CO ₂ (5)	326,117.42	
		CH ₄ (5)	98.78	
		N ₂ O (5)	1.76	
		CO ₂ e	329,111.40	
10FLR-005	Adiponitrile Flare MSS Emissions	CO ₂ (5)	19,413.61	
		CH ₄ (5)	29.31	
		N ₂ O (5)	0.02	
		CO ₂ e	20,152.32	
10FLR-TMP	TEMP Flare (6)	CO ₂ (5)	91.81	
		CH ₄ (5)	0.10	
		N ₂ O (5)	0.01	
		CO ₂ e	97.29	

Emission Point No. (1)	Common Ny (5)	Air Contaminant	Emission Rates	
	Source Name (2)	Name (3)	TPY (4)	
10FLR-ALT	Alternative Flare for 10FLR- 005	CO ₂ (5)	544.91	
	005	CH ₄ (5)	0.01	
		N ₂ O (5)	0.01	
		CO ₂ e	548.14	
10FUG	ADN Fugitives (5)	CO ₂ (5)	0.99	
		CH ₄ (5)	14.57	
		CO ₂ e	365.24	
10FUG	ADN Fugitives (5) MSS Emissions	CO ₂ (5)	0.06	
	NISS Emissions	CH ₄ (5)	0.01	
		CO ₂ e	0.31	
10MSS-001	MSS in ADN Area MSS Emissions	CO ₂ (5)	0.18	
		CH ₄ (5)	0.60	
		CO ₂ e	15.18	
10MSS-002	MSS in 311 Area MSS Emissions	CO ₂ (5)	0.10	
		CO ₂ e	0.10	
10VNT-001	Feed Gas Analyzer Vent	CO ₂ (5)	0.01	
		CH ₄ (5)	0.28	
		CO ₂ e	7.01	
10VNT-002	HCN Sample Blower Vent	CO ₂ (5)	0.01	
		CH ₄ (5)	0.01	
		CO ₂ e	0.26	
10VNT-003	BD Column GCs	CH ₄ (5)	0.01	
		CO ₂ e	0.25	
10VNT-255	Pump Tank Scrubber and	CO ₂ (5)	4.60	

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates
			TPY (4)
	Closed Sump	CH ₄ (5)	0.01
		CO ₂ e	4.85
C	Pump Tank Scrubber and Closed Sump MSS Emissions	CO ₂ (5)	0.25
		CH ₄ (5)	1.50
		CO ₂ e	37.75

- (1) Emission point identification either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) CO₂ carbon dioxide N₂O - nitrous oxide CH₄ - methane

HFCs - hydrofluorocarbonsPFCs - perfluorocarbonsSF₆ - sulfur hexafluoride

 CO_2e - carbon dioxide equivalents based on the following Global Warming Potentials (1/2015): CO_2 (1), N_2O (298), CH_4 (25), SF_6 (22,800), HFC (various), PFC (various)

- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. These rates include emissions from maintenance, startup, and shutdown.
- (5) Emission rate is given for informational purposes only and does not constitute enforceable limit.

Date:	July 15, 2016	
Date.	9 urv 15, 2010	